University of the Virgin Islands Graduate Program

Alternative Assessment: Using Portfolios as an Assessment Tool

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Abstract

An experimental study using portfolio assessment was conducted to determine whether or not students' grades would improve after using alternative assessment. Two fourth grade classes at the Althea Scatliffe Primary School, each consisting of 23 students, were selected to participate in this study. One group was assessed through portfolios and the other group was not.

Prior to the use of portfolios, both groups were given a Language Arts test. The results showed that before the treatment the experimental group worked at a lower level than the students in the control group. After the use of portfolios by the experimental group, both groups were tested again. A t test was applied which showed that there was no significant difference between the groups after completing the second test (t (44) = .082, p > .05). These results showed that the students who were using the portfolios demonstrated academic growth.

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Chapter I

Introduction

Educators agree that assessing students' learning is important and assessment should be a fundamental element of instructional procedures. Burns, Roe, and Ross (1999) defined assessment as "the collection of data, such as test scores, and informal records, to measure a student's achievement" (p. 487).

Assessment serves many purposes. The function of assessment is to "evaluate student performance in order to provide accountability, classify and place students, or – most importantly – guide instruction" (Burns, Roe & Ross, 1999, p. 487). Standardized test scores are used to compare the achievement of students at different periods or with different groups of students. Test scores are also used to place students in special groups and to determine pass or failure in order to advance to another grade.

Many educational sectors use assessment for different reasons. Policy makers use assessment to set standards and focus goals in curriculum planning. They use it to monitor the quality of education. They also use assessment to formulate policies and to justify how to direct their resources including personnel and money. School administrators use assessment as a means of monitoring program effectiveness. It is also a tool to identify program strengths and weaknesses, to designate program priorities, and to plan and improve programs. Parents and students use assessment to evaluate students' strengths and weaknesses, determine school accountability, and to make informed educational and career decisions (Dietel, Herman & Knuth, 1991).

Assessment is often associated with tests; however, testing is not the only way to measure students' achievement. Assessment should consist of observations, sampling of

students' work, and other informal measures that enable the teacher to make decisions in the classroom (Burns, Roe & Ross, 1999).

For several years, critics of current assessment practices have called for changes in how we assess what students know and are able to do. Most of the criticism has been directed at the widespread use of standardized tests in schools. Many teacher-made tests and tests found in textbooks have weaknesses and limitations. Proponents of changes in assessment argue that what and how we assess affect both what is taught and the way it is taught. The goal of assessment should be to develop students who can create, reflect, solve problems, collect and use information, and formulate meaningful questions.

Assessments, whether they are developed by teachers, writers of textbooks, or large corporations, must measure the extent to which students have mastered these types of knowledge and skills (Allen, n.d.).

It is a common practice for teachers to develop tests to determine whether a previously taught, concept has been learned before introducing something new to their students. These tests, however, do not always measure beyond the recall level. For example, students' performance on a Language test may show that the student knows that each story has a beginning, middle and an end. However, test results do not guarantee that the students will write a story with a clear beginning, middle, and end (Brualdi, 2000). Concepts, facts, definitions, dates, names, and locations all have their place in education. However, many assessments place too much emphasis on assessing content and give far too little attention to the higher level skills, such as, creating, reflecting, and problem solving (Allen, n.d.). For this reason, many educators have advocated the use of alternative assessments.

Alternative assessment is any means of measuring what students know and what they are able to do other than the use of standardized tests. It is an ongoing process involving the student and teacher in making judgments about the student's progress using non-conventional strategies. It refers to teachers' informal ways of observing and documenting development and learning. This type of assessment is called alternative because it contrasts with the standardized measures developed to evaluate groups to compare one group or child to another statistically (Hancock, 1994).

Alternative assessments represent a set of strategies for the application of knowledge, skills, and work habits through performing tasks that are meaningful and engaging to students. This type of assessment provides teachers with information about how a child understands and applies knowledge. Also, teachers can integrate these assessments into the instructional process to provide additional learning experiences for students (Brualdi, 2000). Alternative assessments, which include portfolio assessment, journals, and performance assessment (writing) are quite useful in Language Arts.

Portfolio assessment is an ongoing process involving the student and teacher in selecting samples of student work for inclusion in a collection. The main purpose of a portfolio is to show the student's progress (Hancock, 1994). A Language Arts portfolio is a record of a student's literacy development. It gives an idea about the skills and strategies the student uses in reading and writing. When portfolios are developed over an extended period of time as an important part of classroom instruction, the teacher is able to construct an organized, ongoing, and descriptive picture of the learning that is occurring. The portfolio draws on the everyday experiences of the students and reflects the reading and writing that a student has done (Farr, 1991). The content of the portfolio

varies with the level of the students and will depend on the types of assignment given in class. It may include in-class assignments, reports, letters, and reading logs.

Statement of the Problem

Even though large sums of money are spent each year on education, there is widespread dissatisfaction with the education system in the British Virgin Islands among educators, parents, and the community as a whole. The British Virgin Islands is an Overseas Territory of the United Kingdom. Consisting of over 60 islands and cays, it has its capital in Tortola where the majority of the population resides. The education system is under a Minister of Education, with a Chief Education Officer responsible to the Ministry of Education for the management of the education system. In recent years, attention has been focused on the role of assessment in school improvement. After years of increase in the quantity of formalized testing and the consequences of poor test scores, many evaluators have begun to strongly criticize the measures used to monitor student performance and evaluate programs. They claim that traditional measures fail to assess critical leaning outcomes and thereby undermine curriculum, instruction and policy decisions (Dietel, Herman & Knuth, 1991).

Although there is some importance in testing, many educators do not believe that tests alone should determine pass or failure of a student. Using traditional assessment to determine students' readiness to progress in school does not show what they can actually do (Wiggins, 1998). Traditional pen and paper tests are useful but they do not encourage students to think for themselves, to work in groups, use facts as tools, acquire skills independently or perform civic duties. Testing measures rote memorization and lower

order learning. Students retain skills and information they enjoy and find relevant.

These are not utilized in traditional assessment (Datias, n.d).

While most teacher-constructed tests can be valid indicators or predictors of academic performance, too often these tests mislead students and teachers about the kinds of work that should be mastered. Students come to believe that learning is studying and cramming. Teachers come to believe that tests are "after-the-fact, imposed nuisances composed of contrived questions—irrelevant to their intent and success" (Wiggins, 1990, p. 3). Both parties are led to believe that correct answers on a test are more important than habits of mind and the justification of one's approach and results.

The British Virgin Islands is an associate member of the Organization of Eastern Caribbean States (OECS). The Model Education Bill for the OECS (Anthony, 1996) devoted Part 8 to assessment. Part 8 focuses on Curriculum and Assessment of Students. This bill placed the responsibility of creating a national curriculum for public and assisted private schools on the Minister of Education. The Minister is also responsible for revising the curriculum whenever he feels that it is necessary. The curriculum should be "balanced and broadly based." The curriculum should:

- (a) promote the spiritual, moral, cultural, intellectual, and physical development of the student at the school and of society, and
- (b) prepare such students for the opportunities, responsibilities, and experiences of adult life (Section 137, p. 95).

Part B in this section makes allowances for authentic assessment which engages the students in activities that reflect activities performed in real world (adult) situations.

Section 144 states that it is the responsibility of the Chief Education Officer to make sure that arrangements for assessment of students are made to establish what has been achieved in relation to specific goals. The Ministry of Education can create assessment measures or designate or contract an organization to do so. The Minister of Education determines how often these assessments are necessary and publishes the results of these assessments and his comments via the Chief Education Officer.

Although the provisions have been made in the Bill for alternative assessment, many teachers in the British Virgin Islands in the primary schools, and also many at the secondary level, continue to rely on teacher-constructed tests to make decisions on retention and promotion. Tests are usually given at specific times during the term, usually at mid-term and the end of the term. The average scores of these tests and the matching letter grades are recorded in the students' reports books. These tests do not give a broad picture of what the students have achieved during the term. They do not reflect what the students can actually do but rather, how well the students can perform on examinations.

The Purpose of the Study

The purpose of this study was to determine whether using alternative assessment would improve students' grades. Specifically, Language Arts portfolios were expected to provide material for alternative assessment at the primary level of the BVI education system which would help to enhance student understanding and improve their grades. For this study, the performance of students with portfolios was compared with that of students without portfolios.

Research Question

Is there a difference between the grades of students who are given portfolio assessment and those who are assessed with tests alone?

Null Hypothesis

There is no significant difference between the grades of students who are given portfolio assessment and those who are assessed with tests alone.

Definition of Terms

Alternative Assessment – The utilization of non-traditional approaches in judging student performance.

Artifacts – This refers to the samples that are compiled in a portfolio.

Assessment – Measuring or judging the learning and performance of students.

Authentic Assessment – The multidimensional process of judging students' acceptable performance behaviors in life-like role applications.

Performance Assessment – The display of one's knowledge effectively to bring to fruition a complex product or event.

Portfolio – A purposeful collection of student work that exhibits the student's efforts, progress and achievements in one or more areas. Students must participate in selecting the contents, the criteria for selection, the criteria for judging merit and evidence of student self-reflection.

Pre-Control Group – This refers the group of students in the control group prior to the experiment.

Pre-Experimental Group – This refers to the group of students before they were exposed to portfolio assessment.

Reliability – the consistency of assessment results. It is the degree to which the assessment results are the same when (1) students compete the same task(s) on different occasions, (2) students complete different equivalent tasks on the same or different occasions, or (3) two or more teachers mark their performances on the same task(s) (Lindheim, et al., 1987).

Rubrics – Specific descriptions or expectations of what a particular performance looks like at various levels of quality to help the student decide what he/she needs to accomplish to meet a specific score or grade.

Standards – Statements of what students should know and be able to do, usually determined by grade level.

Standardized Tests – Tests constructed so that the questions, conditions for administering, scoring procedures, and interpretations are consistent.

Validity – The degree with which the inferences based on assessment scores are meaningful, useful, and appropriate.

Significance of the Study

In many classrooms, test scores alone determine the student's grades. If the student tests poorly, then he or she will have poor grades. If the student performs well on tests, then those students will have good grades. The work that the student has done throughout the term on a daily basis is not taken into consideration.

This study could demonstrate that alternative assessments are useful in the classroom to reflect a more accurate picture of the student's abilities. The results of this study could convince leaders in the education field to take the necessary steps to implement alternative means of assessment in the classroom.

This study has research significance because there is no evidence that any study of this nature or similar studies have been carried out in the British Virgin Islands.

However, this study can be the basis for similar studies carried out over a longer period of time in various schools in the territory.

Delimitations of the Study

This study was delimited to two Grade 4 classes at the Althea Scatliffe Primary School. This particular school was chosen to conduct this experiment because it is the only primary school on Tortola that has more than one class at each grade level. The two classes were chosen because they were identical in size and the teachers were willing to provide their students' work.

Limitations of the Study

One limitation of this study was that the researcher had no control over what items were actually selected to put in the portfolio and the number of items that were selected. Another limitation was the short time available to track the progress of the two classes. The study was conducted over a six-week period. Future research would be organized over a longer time.

Efforts to standardize the procedures for the portfolios and testing could not have anticipated events like students' illnesses or interventions during school time such as teacher illness and unscheduled activities. However, early classroom access by the researcher minimized such problems.

Chapter II

Literature Review

This chapter examines what other researchers have reported about alternative assessment. It discusses tests and the use of alternative measures to assess students' performance. It also examines the use of portfolios as an assessment tool. This chapter further describes the quality of portfolio assessment and provides an analysis other studies conducted on this topic.

Traditional Tests

One way of examining an alternative assessment is by contrasting it to the traditional way of assessment, testing. Testing is a phenomenon that is encountered by students and used by teachers of all disciplines. Tests have come to be an accepted component of instructional programs throughout the world. Sometimes, tests are justified on the basis of accountability, for example, to find out if students are learning what they are supposed to be learning. Decision makers need this type of information in order to make judgments about how to spend their resources. On other occasions, tests are viewed as feedback concerning students' progress (Hancock, 1994).

Tests are used to measure performances of various sorts. In this sense, testing serves as a monitoring device for learning. Tests are given at particular points in time to analyze student learning. After a test is given, some type of reporting takes place in the form of a score or grade. Many times, decisions are based on test results, such as, whether or not a student has passed the course and deserves to be promoted. An important aspect of testing is that the test is kept hidden from the students until it is

administered, indicating a degree of secrecy in order to assure confidentiality (Hancock, 1994).

Greater pressure is being placed on teachers and administrators to devote more time to prepare students to do well on tests. As a result, narrowly focused tests that emphasize recall have led to the narrowing of the curriculum with emphasis on rote memorization of facts with the little opportunity to practice higher level thinking skills. The timed nature of the tests and their format of one answer have led teachers to give students practice in responding artificially to short texts and selecting the best answer, rather than inventing their own questions or answers. When teachers teach to traditional tests by providing daily skill instruction in formats that closely resemble tests, their instructional practices are sometimes ineffective and potentially detrimental due to their reliance on outdated theories of instruction (Dietel, Herman & Knuth, 1991).

Alternative Assessment

Alternative assessment is different from traditional testing. In an instructional program, assessment is usually an ongoing strategy in which student learning is not only monitored, but by which students are involved in making decisions about the degree to which their performances match their ability. Students are provided with opportunities before and after units of instruction to assess their performances. Teachers periodically assess students' performance and they discuss their respective assessments.

Occasionally, some external monitor assesses the students' performance and discusses it with the teacher. Assessment should be viewed, then, as an interactive process that engages both teacher and students in monitoring the students' accomplishments (Hancock, 1994).

The shift in education from the traditional teacher-directed classroom to a more active learning student-based classroom has created a need for educators to re-evaluate the ways they have previously assessed student leaning. The push to better examine what students are really learning has led to the refinement of assessment alternatives (Jones, 1997).

According to Knicker (1997), most alternative assessment strategies share similar characteristics. They tap higher-level thinking and problem-solving skills. Alternative assessments use tasks that represent meaningful instructional activities and invoke real world applications. They have people, not machines, do scoring, using human judgments. Finally, these alternative strategies require new instructional and assessment roles for teachers.

Alternative forms of assessment ask students to perform, create, produce, or do something. They may ask students to create an answer or product that demonstrates their knowledge and skills. They can range from the simplest student-constructed responses to comprehensive demonstrations and collections of work over time. They are more valid indicators of students' knowledge and abilities because they require students to actively demonstrate what they know (Fushell, 1994).

Fushell (1994) goes on to claim that alternative assessment can provide incentive for providing instruction, and increase students' understanding of what they need to know and are able to do. Students display greater interest and levels of learning when they are required to organize facts around major concepts and actively construct their own understanding of the concepts in a rich variety of contents. Assessment tasks need to present interesting possibilities for applying curriculum-related knowledge and skills.

Students are encouraged to search out additional information or to try different approaches, and in some situations, work in teams.

Alternative assessment also measures the students' ability in real life tasks and situations. It engages students in applying and demonstrating knowledge and skills in real world situations. It focuses on real-world situations that the students will value and that utilize the processes of the specified discipline (Knicker, 1997).

Furthermore, activities are representative of the curriculum and concerned more with the 'big picture' than less important details. They are thought provoking and engage the student as a decision maker and allow for interaction among learners. Alternative assessment provides developmentally appropriate activities for students and allows for and encourages a variety of different thinking styles. One important aspect is that it recognizes the possibility of several 'correct' answers and different approaches to solve the same problem. It lends to the higher levels of Bloom's Taxonomy of Cognitive Thinking (Knicker, 1997).

There are many benefits gained from alternative assessment. It creates continuity in students' learning. It promotes equity, increases motivation, raises standards, empowers students and teachers, and focuses attention on teaching and learning.

Alternative assessment has allowed the introduction of topics and subject areas that would not normally be discussed in teaching. It also gives students and teachers a chance to identify what has been learned and produced. It gets everyone to appreciate his or her own work, shows improvement and creates opportunity for reflection. Another benefit is that it is efficient in terms of time spent in the classroom, remembering the goal is to

strive for continuation in excellence and to be active participants in developing that excellence (Jones, 1997).

Portfolio Assessment

Portfolios, used in alternative assessment, are purposeful collections of children's work that illustrate their efforts, progress, and achievements. They provide rich documentation of each child's experiences throughout the year. This collection enables the children to become involved with the process of selecting and judging their own work. Portfolio content should be parallel to classroom activities and lead to the development of new activities based on the assessment of the child's progress and interests (Meisels, 1995). Portfolios can also allow the students to become involved in the assessment process by selecting examples of their work to be included in the portfolio.

According to Eggen and Kauchak (2001, p. 615), because portfolios are cumulative, connected and occur over a period of time, they provide a "motion picture" of the students' learning progress as opposed to the "snapshots" provided by disconnected tests and quizzes. Portfolios are intended to document and reflect student growth. This documentation can then be used as a basis for communicating with parents and helping students observe and reflect on their own progress.

With the increasing demands for accountability within education, another important use of the portfolio is evaluation of student performance. It is also used as a method of assessment before recommending for license to work within many professions. Because of our society's evolution from industrial to informational environments, there is an important emphasis on authenticity in student learning experiences (Brown, 2002).

An additional use of portfolios is program evaluation. Portfolio assessment requires the careful analysis of program goals and objectives and how these are transferred to the classroom. Students' work should mirror the program goals. When this is evident within the portfolio, evaluation of the program of study is facilitated (Brown, 2002).

There are three major expectations for portfolios. First, portfolios are viewed as being more meaningful, authentic, and valid indicators of what students know and can do than more traditional assessments. They can be integrated with classroom instruction, reflect the work that the children actually do, and address broader, more important learning outcomes. By including multiple indicators of student performance, portfolios also capture the variability and patterns across tasks and time that characterize true learning (Valencia & Au, 1997).

Second, portfolios have the potential to enhance both teaching and learning.

Because they are housed in the classroom and can be used regularly by teachers and students as part of the instructional program, portfolios have the potential to provide more useful, meaningful, and accessible information than traditional assessments. Teachers and students should be more reflective and knowledgeable as a consequence of using portfolios (Valencia & Au, 1997).

Third, some educators are hopeful that portfolios will provide useful assessment information for reporting to people outside the classroom. This will require an acceptable level of interrater agreement as portfolio raters outside the classroom examine and score portfolios. For some, this outside reporting is necessary to ensure the survival of an assessment innovation; for others, it is a way to enter classroom information into the

policy arena; and for others, the evaluation process itself is valued as a powerful mechanism for professional development (Valencia & Au, 1997).

In his Work Sampling System, Meisels (1995) used portfolios to show how performance assessment works in early childhood and primary years (ages 3 to 11). This performance assessment system was used to measure and document children's skills, knowledge, behavior, and accomplishments as displayed across a wide variety of educational areas. He contends that this kind of performance assessment provides teachers the opportunity to learn about the children's processes of learning by documenting children's interactions with the materials and using these records as the foundation for evaluating children's accomplishment and planning future educational interventions through comparisons with standards-based guidelines. This kind of assessment allows teachers to record what children can do in the context of their experiences.

Advantages of Portfolio Assessment

After reviewing a variety of publications, Brown (2002) compiled a list of advantages across many different programs that reveal benefits of the portfolio as a learning tool. Portfolio assessment establishes common, performance-based outcomes for a particular program of study and promotes communication, teamwork and consensus among faculty, which becomes evident to the student in the classroom. This form of authentic assessment influences the form and content of the classroom instruction.

Program goals and objectives are reinforced and validated, and integration of all coursework is reflected in a final product.

Brown (2002) also found that portfolios facilitated student-centered learning environments. Students were able to solve problems within domain-specific contexts and were able to see connections between national standards and field experiences. They were able to communicate supporting data through the samples of work they selected. This form of assessment let teachers know how their students were progressing and where they were having trouble. They can use this information to make necessary instructional adjustments, such as reteaching, trying alternative instructional approaches, or offering opportunities for more practice. These activities led to improved student success (Boston, 2002).

Research on Portfolio Assessment

A study was conducted in the Pittsburgh Public Schools on the impact of the Work Sampling System (WSS) on the change in children's scores on a group-administered achievement test from Grade 3 to Grade 4. A longitudinal design was selected for this study because the schools using WSS were among the lowest-performing schools on this particular achievement test in the district. For the comparison group, classrooms were chosen that matched those in the WSS schools as closely as possible in race, income, mobility, school size, and number of parents in the home (Meisels, Atkins-Burnett, Xue, Nicholson, Bickel, & Son, 2003).

The results of this study showed that students in the Pittsburgh Public Schools using portfolios in the WSS displayed growth in reading from one year to the next. The children in WSS classrooms made greater improvements in Mathematics than the children in the other group in the first year. The WSS students showed improvement in

both reading and Mathematics in the second and third years that far exceeded the demographically matched contrast group (Meisels et al., 2003).

In another study conducted by Holmes and Morrison (1995), 17 pre-service teachers enrolled in literacy/reading methods courses employed portfolio assessment in their field work with the agreement of their cooperating teachers. These teachers collected samples of students' writings, artwork, lists of books the students read, observations of text reconstruction, literature extension projects, and other useful examples of the children's work. The portfolios also included written assessments of the portfolios themselves, reports on the children's strengths, evidence of progress in reading and writing, concerns, and suggestions to promote literacy development.

This study showed that comprehension and language development of primary children could be tracked through materials collected in portfolios and that children were becoming better critics of their own work. It was also noted that at the beginning of the study that teachers, who had expressed skepticism about the paperwork and time that would be spent collecting data for the portfolios, expressed different views at the conclusion of the study. These teachers felt that the strategy was effective with regard to progress in reading and writing competencies and that it was not as time consuming as they thought it would be. Because the portfolios were a systematic way of collecting samples of the students' work, reporting students' progress to parents was easier (Holmes & Morrison, 1995).

Seefeldt and Galper (1998) cited Salinger and Chittenden (1994) as stating that when an Early Literacy Portfolio was used in a school district for over five years, instruction and assessment became more closely aligned than in the past. They added

that teachers appeared to feel more confident in their abilities to make sound instructional decisions and to communicate meaningfully with parents.

Seefeldt and Galper (1998) reported that a study by Gelfer (1994) showed that parents and teachers seemed receptive to the portfolio system. Parents of children enrolled in a university preschool were randomly assigned to portfolio and non-portfolio assessment groups. Parents in the experimental group appeared to have a better understanding of the preschool program/cognitive and academic components than parents in the control group.

Quality of Alternative Assessment

To ensure that an assessment strategy will provide accurate information, the technical quality of the measures must be considered. Three aspects of quality that are of particular concern are:

- (1) Validity. Does the assessment measure what it is supposed to measure?
- (2) Reliability. How accurate is the information?
- (3) Equity. Is the assessment free from biases against any group of students?

Validity. Validity refers to the soundness of the interpretation and use of students' assessment results. It emphasizes the results that are interpreted, not the instrument or procedure itself. To validate interpretations and uses of students' assessment results, there should be evidence that these interpretations and uses are appropriate. It must also demonstrate that students' experiences are not serious negative consequences when the results are not used as intended. The question of assessment validity has many different answers depending on how the results are interpreted and used. For example, a school may administer a reading test and wish to use the scores for

one or more of the following: to describe students' growth in reading comprehension, to place students into high, middle, or low reading groups, or to evaluate the school's reading program. The scores from the hypothetical test may have a high degree of validity for one of these purposes but may not have high validity for others (Lindheim, Morris, & Fitz-Gibbon, 1987).

Assessment results have different validity for different purposes and for different situations. Judgments about the validity of interpretations or uses of assessment should be made only after a study and a combination of several types of validity evidence.

Validity is not the evidence about different areas, but rather it is a judgment that is made after considering evidence from all relevant sources. Until all relevant evidence are collected, reviewed, weighed, and combined, the evaluation of validity is incomplete. In effect, validation of specific interpretation and uses by making a convincing argument that the evidence supports them (Lindheim, et al., 1987).

Portfolio validity refers to the degree to which the inferences based on the portfolio results are meaningful, useful and appropriate. A key issue to the content aspect of validity is determining knowledge, skills, and other attributes to be revealed by the assessment tasks (Brualdi, 1999).

Reliability. Reliability refers to the consistency of assessment results. It is the degree to which the assessment results are the same when (1) students complete the same task(s) on different occasions, (2) students complete different equivalent tasks on the same or different occasions, or (3) two or more teachers mark their performances on the same task(s).

Reliability of measurement is the degree of consistency with which the measurement provides information about the students performing the tasks (Worthen, White, Fan & Sudweeks, 1999). In other words, the assessment activity is reliable if it measures what it is supposed to measure consistently. In a sense, reliability is a measure of how well the activity corresponds with itself – how constant and reliable it is in measuring the same thing with the same results each time. However, reliability does not refer to the measurement instrument itself, but the consistency of the results (Lindheim, et al., 1987).

A major consideration with implementation of portfolio assessment is the reliability of the measures and the validity of the assessment. For this form of assessment to be reliable, certain characteristics must apparent. There must be evidence that portfolio contents represent an accurate picture of the program goals or objectives.

Correlations among assessors' scores are high when there are clear-cut indicators of acceptable performance (Brown, 2002).

Another characteristic associated with the reliable use of portfolios is the selection of the samples. Whether specified in advance or self-selected by the students, these should be representative of program goals and objectives. Along with the specific criteria, there are standardized levels of difficulty and consistency in characteristics of the evidence or samples. Reliability measures are high when assessors agree upon clear-cut criteria for evaluation and performance indicators were representative of the standards or competencies adopted by the program. Reliability measures are also high when there is sufficient training of the assessors (Brown, 2002).

Wolfe (1996) reported that his study on the reliability of a large-scale portfolio assessment showed that in Language Arts and Mathematics the interrater reliability and the score reliability were at reasonable levels. The generalizability of studies also suggests that adequate reliability for student level decisions can be derived from five portfolios entries, each scored by two raters. These raters had obtained a minimum of a bachelor's degree in the content areas mentioned. They were also trained to score students' work for a particular work sample description and to assign a holistic score based on a four-point rubric scale. Wolfe also reported that with changes to the scoring rubrics and students and teacher manuals, more reliable scores should result in the second year of the project.

Equity. Equity in alternative assessment addresses the question, "To what extent is the measurement task measuring the same concept and is similar for different populations?" Alternative assessment for its intended purpose is fair if (1) students are provided with equal opportunity to demonstrate what they know, (2) students were adequately prepared to perform the required type of assessment task and there are no biases when judging student capabilities and needs, and (3) the distorted views of the students are not used to make educational decisions that will ultimately lead to limitation of educational opportunities (Lindheim, et al., 1987).

Dietel, Herman, and Knuth (1991) stated that questions of fairness arise not only in the selection of performance tasks but also in the scoring responses. It is critical that scoring procedures are designed to assure that performance ratings reflect the examinees' true capabilities and are not a function of the perceptions and biases of persons evaluating the performance. The same should be said regarding the perceptions and biases of the

persons creating the test or activity. The training and calibrating of raters are critical in this regard.

Although alternative assessment can help ensure ethnic, racial, economic, and gender fairness, equity cannot be achieved by reforms and assessment alone (Lindheim, et al., 1987). To guarantee equity in assessing learning, all students should have access to knowledge that focuses on understanding the concepts in the core areas. They should also have to opportunity to use that knowledge to reason and to solve problems, and to communicate regardless of their socioeconomic status (Heck & Crislip, 2001). This equity will result only from a trio of reform initiatives aimed at ongoing professional development in curriculum and instruction, improved pedagogy, and quality assessment (Lindheim, et al., 1987).

Evaluation

Evaluation is the interpretation and analysis of the data collected in alternative assessment. Evaluating student progress is important because it allows the teacher to realize the strengths and weaknesses of each student, to plan instruction accordingly, to communicate student progress, and to evaluate the effectiveness of teaching strategy (Burns, Roe, and Ross, 1999).

The extent to which goals of alternative assessment are consistent with the goals of the learners needs to be examined. It must be decided what data should be collected, analyzed, used, and reported to provide a comprehensive picture of implementation of the assessment. Traditionally, many teachers have evaluated their students' knowledge by giving examinations and papers, often only at the middle and the end of each school term

or semester, using assignments that can usually be completed quickly. Faculty have been asking specific question to assess three specific areas:

- 1. students' academic skills and intellectual development,
- 2. students' assessment of their own learning skills, and
- 3. students' reaction to various teaching methods, materials, and assignments. In understanding where students stand in their academic development and in immediately knowing students' reactions to specific aspects of a class, faculty can adjust their teaching to help their students (Charles, Lester, & O'Daffer, 1987).

When evaluating performance, it is recommended that assessment strengths and weaknesses be identified based on three performance dimensions: results, approach, and deployment. Results refer to the level of achievement of the assessment performance objectives and indicators. Approach refers to the process or procedures the assessment uses to address the framework criteria, such as leadership and human resource management. Deployment refers to the extent that the approach covers all requirements and expectations, and to what degree it is used by all applicable work units (Charles, et al., 1987).

Implications for the British Virgin Islands

Educators are modifying the content and design of the existing curriculum to meet world conditions. Standardized tests and examinations assess only part of the curriculum. Many researchers conclude that the time focused on test content has narrowed the curriculum by over-emphasizing basic skills and neglecting higher-order thinking skills (Knicker, 1997).

It is important for classroom teachers to understand how to utilize alternative assessment techniques to accommodate specific disciplines. Observations, conferences, portfolios, journals, projects, and exhibitions are all ways of assessing learning.

Alternative assessment must become part of the curriculum. It is changing the way that teachers are carrying out instruction and students are learning, for the better.

A move toward authentic tasks and outcomes improves teaching and learning.

Students would have greater clarity about their obligations and when teachers believe that assessment results are more meaningful, they would use them for improving instruction.

As they struggle with new formats, teachers might become more thoughtful and outcomes become overwhelmingly positive (Knicker, 1997).

Alternative assessments, such as portfolios, are viable tools for measuring student progress and attainment as long as care is give to assure validity, reliability, and equity. Alternative forms of assessment are used for the evaluation of individual students. The strengths of alternative modes may have the desired impact on the quality of instruction in the classroom. The issue is not whether one form of assessment is intrinsically better than another. No assessment model is suited for every purpose. The real issue is choosing appropriate variables and applying the most suitable model to render them (Airaisian, 1991).

The preceding research was conducted in schools in the United States of America.

The time is right for research on alternative assessment in the British Virgin Islands.

Chapter III

Methodology

Introduction

This study was designed to find out if students who are exposed to portfolio assessment would perform better than students whose grades are based on tests alone. In order to do this, an experimental design was planned. This chapter discusses the design and the participants of the study, the instruments that were used, the procedures used and the method of analysis.

Design

Two groups of students were selected for this experimental study. An experiment is a "design in which one variable is changed or manipulated and scores on another variable are measured to determine whether there is a relationship" (Heiman, 2001, p. 754). One group of students was exposed to portfolio assessment and the other group was the control group with no portfolios. After six weeks of instruction, a teacher-constructed test was given to both groups. The quantitative data were analyzed and a *t* test was applied.

Participants

The experiment was conducted at Althea Scatliffe Primary School, one of the primary schools in the British Virgin Islands, because it is the only primary school on Tortola that has more than one class at each grade level. Two Grade 4 classes were selected for this experiment. Both classes consisted of 23 students. The students' ages ranged from 8 years to 11 years. At the Althea Scatliffe Primary School, the Grade 4 teachers convene once a week for curriculum planning. As a result, at the end of each

week, all the classes at Grade 4 level would have covered the same topics and assigned similar work in these areas.

Experimental Group. There were 23 students in the experimental group.

Originally there were 24 students but one student was transferred to another school. This group was comprised of 14 boys (61%) and 9 girls (39%). There are three 8-year-olds (13%), fourteen 9-year-olds (61%), three 10-year-olds (13%), and three 11-year-olds (13%). The average age of the students in this group was 9.3 years old.

Control Group. There were also 23 students in the control group. In this group, there were 14 boys (61%) and 9 girls (39%). Five students (22%) were 8 years old, sixteen students (70%) were 9 years old, one child (4%) was 10 years old, and one child (4%) was 11 years old. The average age of the students in this group was 8.9 years old.

Instruments

The instruments used for this experiment were teacher-constructed tests. Tests were used to obtain the end-of-term scores and mid-term scores for Language Arts. The tests were constructed by two of the Grade 4 teachers. The tests were validated by the other Grade 4 teachers who checked to see if the objectives on each test were covered in their classrooms.

Tests. Two tests provided data about the students' achievements. The end-of-term Language Arts test was used to assess the students prior to conducting the experiment. This test consisted of four sections: composition, spelling and vocabulary, comprehension, and grammar (See Appendix C). For composition, the students were required to put sentences in the correct sequence, rewrite sentences in the form of a paragraph and write a narrative paragraph, given a title or a picture. The spelling and

vocabulary section focused on spelling words, long and short vowel sounds, blends, compound words, and antonyms using the prefixes un, ir, im, and il. In the comprehension section, the students sequenced events in a given passage, answered factual and high order questions, and used a picture and follow directions. The grammar section covered plural nouns and punctuation.

The mid-term Language Arts test, used as a post-assessment tool, included the same four sections as the end-of-term test above (See Appendix D). The spelling and vocabulary section consisted of spelling words, abbreviations, blends, and gender words. For composition, the students put sentences in sequential order and wrote a paragraph given a topic. In the comprehension section, the students were expected to put in order events in a given passage, answer questions after reading a passage, and predict what comes next after reading a paragraph. The grammar section included verbs and contractions.

Procedure

Before the experiment was started, permission was requested from and granted by the Chief Education Officer in the Department of Education (See Appendix A) and the Principal of the Althea Scatliffe Primary School (See Appendix B) to conduct this experiment. A meeting was held with the Grade 4 teachers at the Althea Scatliffe Primary School who volunteered to help. With their assistance, two classes that were identical in size were selected. One class was designated as the experimental group and the other class was the control group.

Portfolios. Each child in the experiment group was given a folder that was to be kept at school. The teacher had a general knowledge of the use of portfolios. It was

explained to the students that the samples of their work would be put in their folders.

Because the researcher could not be in the classroom all the time, the teacher selected the items for the portfolios that would reflect the work that the students were doing in the class during that period. The teacher collected samples of the student's work in Language Arts for a period of six weeks, from the beginning of the term to mid-term.

The portfolios were assessed by the teacher and assigned a grade.

The portfolio was given as a treatment only to the experimental group. The portfolios were compiled using samples of work that the students complete over a six-week period. The samples were selected by the class teacher and reflected all the areas covered in Grade 4 during the six-week period. Each portfolio contained thirty-six samples. The samples consisted of worksheets and original writings of the students. All the students in the experimental group completed all the samples (Appendix G).

The teacher of the experimental group assigned three in-class activities and three homework activities for the portfolios each week. The portfolio activities were completed to reinforce the lessons that were being taught in the classroom at the time. The teacher marked the worksheets and the activities were discussed with the whole class, giving individual students the opportunity to make corrections as they went along. In their free time, the students were allowed to look at their portfolios and talk about it with the teacher and other classmates. During this time, the control group was given notes and written activities in their notebooks. They were also given homework to complete outside of school. Both groups covered the same topics during the six-week period.

The samples in the portfolios covered the following topics in Language Arts: adjectives, nouns, verbs, punctuation marks, completing sentences, cause and effect, blends, vocabulary, comprehension, homonyms, and composition. The following is a list of the activities the students completed each week to put in their portfolios:

Week One

- 1. Adjectives (size, shapes, colors)
- 2. Adjectives and nouns (identifying nouns and adjectives: size, shape, color)
- 3. Adjectives
- 4. Possessive nouns
- 5. Proofreading practice (apostrophes and capitalization)
- 6. Adjectives (adding –er and –est to adjectives)

Week Two

- 1. Quotation marks
- Quotation marks
- 3. Composition
- 4. Cause and effect (completing sentences)
- 5. Cause and effect (completing sentences)
- 6. Cause and effect (predicting effects)

Week Three

- 1. Cause and effect (listening activity)
- 2. Blends (br, cr, gr, dr, pr, tr, fr)
- 3. Blends (cr, fr, cl, fl, br, gr, st, gl, sp, tr, dr, bl)
- 4. Nouns (Comparing nouns using more and most)

5. Reading comprehension

Week Four

- 1. Reading Comprehension, vocabulary
- 2. Verbs
- 3. Verbs (plural and singular verbs)
- 4. Subject verb agreement
- 5. Verbs (to be, to do, to have)
- 6. Subject verb agreement
- 7. Nouns, verbs, adjectives (review)

Week Five

- 1. Irregular past tense verbs
- 2. Irregular past tense verbs
- 3. Irregular past tense verbs
- 4. Irregular past tense verbs
- 5. Cause and effect (completing sentences)
- 6. Cause and effect (completing sentences)

Week Six

- 1. Verbs
- 2. Composition
- 3. Noun verb agreement
- 4. Reading Comprehension, vocabulary
- 5. Noun, verbs, adjectives (review)
- 6. Homonyms

Tests were given at mid-term. The scores on the end-of term test and the midterm test were used to compare the performance of the students in the control and experimental groups.

Method of Analysis

- (a) End-of-Term Test (Pre-Experiment Test). Each student in each group was assigned a number. The total scores on the end-of-term test were tallied for each student. (See Appendix E) A score sheet was assembled for the control and experimental groups.
- (b) Mid-Term Test (Posttest). Similarly, the scores on the mid-term test were computed and a score sheet was assembled for both the control and experimental groups (See Appendix F).

The Statistical Package for the Social Sciences (SPSS 10.1) was used to analyze the data. First, the mean and standard deviation were computed for each group. An independent-samples *t* test was carried out to compare the posttests score means of the experimental group and the control group. An independent-samples *t* test was also carried out on the students' pretest scores to see if there was any difference between the groups before the experimental group was exposed to the portfolios.

Chapter IV

Results

The purpose of this study was to determine whether using alternative assessment, specifically portfolios, would improve the grades of Language Arts students in Grade 4 of the Althea Scatliffe Primary School in the British Virgin Islands. In this chapter, the scores obtained by the students in the experimental group and the control group, before and after the treatment with portfolios, are presented after analysis using descriptive and inferential statistics.

Research Question

Is there a difference between the grades of students who are given portfolio assessment and those who are assessed with tests alone?

At the end of the first term in the school (December, 2003), a Language Arts test was administered to the pre-experimental and pre-control groups. Twenty-three students in each group completed the test. The mean score of the pre-experimental group was 69.65, and the standard deviation was 14.74, whereas the mean score of the pre-control group was 79.60 and the standard deviation 12.16. The mean for the experimental group was significantly lower (m = 69.65, sd = 14.74) (See Table 1) than the mean for the control group (m = 79.60, sd = 12.16) (See Table 2).

Table 1

Comparison of Mean and Standard Deviation of Pre-Experimental Group and Experimental Group

Group	N	Mean	Std. Deviation	Std. Error Mean
Pre Experimental	23	69.65	14.74	3.07
Experimental	23	75.68	12.42	2.59

Table 2

Comparison of Mean and Standard Deviation of Pre-Control Group and Control Group

Group	N	Mean	Std. Deviation	Std. Error Mean
Experimental Group	23	75.78	12.42	2.59
Control Group	23	76.08	12.62	2.63

The control group was performing at a higher level than the experimental group prior to the start of the experiment.

A second test was administered to both groups of students after the experiment was completed. All twenty-three students from each group completed the test. The mean score of the experimental group was 75.78 and the standard deviation was 12.42. The mean score of the control group was 76.08 and the standard deviation was 12.62. After the posttest was given, there was a slight decrease in the mean score of the control group (See Table 2), however there was a substantial increase in the mean score of the experimental group. After the treatment, the mean score of the students with portfolios (m = 75.78, sd = 12.42) was not significantly different from the mean score of the students without portfolio (m = 76.08, sd = 12.62) (See Table 1 and Table 2).

Null Hypothesis

There is no significant difference between the grades of students who are given portfolio assessment and those who are assessed with tests alone.

An independent-samples *t* test comparing the mean scores of the pre-experimental group and pre-control group found a significant difference between the means of the two

groups (t (44) = 2.50, p < .05). The performance was not only at a higher level for the control group, but also at a level that was statistically significant (See Table 3).

Table 3

Independent-Samples T Test Comparing the Scores of the Pre-Experimental and Pre-Control Groups

	F	Sig.	T	df	Sig. (2-tailed)	Mean Difference
Equal Variances assumed	1.767	.191	-2.499	44	.016	-9.9565
Equal Variances not assumed			2.499	42.465	.016	-9.9565

An independent-samples t test was calculated comparing the mean score of the experimental group to the mean score of the control group. However, no statistically significant difference was found (t (44) = .082, p>.05) (See Table 4).

Table 4

Independent-Samples T Test Comparing the Post Test Scores of the Experimental and Control Groups

	F	Sig.	T	df	Sig. (2-tailed)	Mean Difference
Equal Variances assumed	.065	.800	082	44	.935	.3043
Equal Variances not assumed			.082	43.989	.935	

Based on the results the null hypothesis was accepted, indicating that there was no statistically significant difference between both groups on the posttest despite their previous achievement. In the subsequent chapter, the results are discussed before a conclusion and recommendations are presented.

Chapter V

Discussion, Conclusion, & Recommendations

Discussion

This experimental study was conducted to determine if students' test scores would improve after they have been exposed to alternative means of assessment, in this case, portfolio assessment. This chapter discusses the findings of this study, the conclusion and recommendations.

The null hypothesis predicted that there would be no significant difference between the grades of students who were given portfolio assessment and those who were assessed with tests alone. An independent-samples t test showed that there was in fact no significant difference in the scores of the students in the experimental group and the control group after the experimental group was exposed to the treatment (t (44) = .082, p > .05). The mean posttest score of both groups was extremely close, with the mean score of the experimental group being 75.78 and the mean score of the control group being 76.08.

However, this does not mean that there was no improvement in the students' scores. An independent-samples t test was conducted on the scores of both groups before the portfolios were compiled by the experimental group. There was a significant difference in means of the scores (t (44) = 2.50, p < .05). The experimental group's mean score was 69.65 and the mean of the control group's scores was 79.60. This showed that the experimental group had been working at a lower level than the control group. The fact that there was no significance in the mean scores after the assessment showed that

there was some improvement on the part of the experimental group. The mean score of the experimental group went up by six.

Meisels (2003) in a longitudinal study comparing students using portfolios in his WSS classrooms and students in a regular classroom not using portfolios showed similar results to this study. Meisels (2003) study, which was carried out over a three-year period, indicated that students using portfolios showed improvement in reading that was not very significant after the first year. However, he reported that although all groups improved in the second and third years, the mean change scores of the WSS group was substantially greater than those in the other group. This would suggest that students in this present study would show greater improvement in their grades if their exposure to the portfolios was long-term.

Holmes & Morrison (1995) study also produced similar results to this study.

Although none of the studies were found in Language Arts, there are enough similarities to advance the cause for further research on alternative assessment in the British Virgin Islands.

Conclusion

In conclusion, this study has shown that students do grow academically after using alternative assessment, specifically portfolios. This form of assessment not only fosters student learning but it also improves classroom instruction. Alternative assessments allow teachers to provide learning experiences that reflect real world situations and are authentic forms of assessment. By providing a variety of assessments, such as tests and portfolio assessment, educators give students the opportunity to demonstrate what they know. Alternative assessments allow educators, parents, and

students to track the progress of the students over a period of time. They enable the students to assess their own progress. They give a picture of whole child in the learning environment (Darling-Hammond & Snyder, 2000).

Today, understanding the basics is not enough; students need to think critically in order to face the demands of the world today. Over the last century society has changed from an industrial age to and information age, which requires the ability to access, interpret, analyze, and use information for drawing conclusions. In order to meet the demands of the changing world, the content of the curriculum must change, and the format of the assessment must meet these new outcomes (Bond, 1994).

According to Wiggins (1998), implementing new methods of assessment is not going to be easy. Like any changes in schools, changes in assessment practice will require: (a) strong leadership support; (b) staff development and training; (c) continuing follow-up and support for change through coaching and mentoring, and (d) environments that support experimenting and risk-taking.

There is a wealth of benefits that can be gained from alternative assessment. The foregoing study has shown that students grow academically after being exposed to portfolios and other studies show that students improve on standardized and teacher-constructed tests after interacting with portfolios. Parents and teachers seem to agree that portfolios and other alternative means of assessment are valuable tools for assessing students. As the world changes, these tools become necessary for students to solve problems, think critically, and work together in order to survive in the 21st century.

Recommendations

- 1. The Minister of Education and the Chief Education Officer should adhere to the provision in the Education Bill and investigate or research alternatives methods that can be used to assess student learning and achievement when planning and implementing new curricula in the primary schools.
- 2. Instead of, or in addition to, tests and examinations, students should be allowed to carry out alternative activities which may include portfolios or other types of alternative assessments to determine promotion.
- 3. Further research on alternative assessment should be conducted at pre-primary, primary, and primary levels of the education system in the territory.
- 4. There are issues that the Ministry of Education and Culture will have consider before implementing alternative assessment measures in schools. Some of these issues in relation to traditional methods are that alternative assessment:
 - (a) requires more time to develop,
 - (b) costs more,
 - (c) may limit content coverage,
 - (d) requires a shift in teaching practices
 - (e) requires lots of time for administration,
 - (f) requires new methods of aggregating and reporting data
 - (g) requires new viewpoints about how to use for comparative purposes (Airaisian, 1991).
- 5. Teachers and education officers should be trained in areas of implementing and reporting alternative means of assessment.

- 6. If a new assessment strategy is adopted, it should be gradually implemented in the classroom. Its usage should be piloted in a few classes and limited to one or two subjects initially.
- 7. Finally, the class teachers should be involved in the planning an implementation of the new alternative assessment measures. Because of their direct involvement, they would feel a sense of ownership. Teachers should be allowed to recommend or make adjustments in the program when necessary.

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Appendices

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Appendix A

Permission Letter to Chief Education Officer

L. TAMMY HENRY

P.O. BOX 698 ROAD TOWN, TORTOLA BRITISH VIRGIN ISLANDS

December 15, 2003

Mr. Angel Smith Chief Education Officer Department of Education Government of the British Virgin Islands Road Town, Tortola British Virgin Islands

Dear Mr. Smith,

I am currently a graduate student at the University of the Virgin Islands pursuing a Master of Arts in Education. I have selected to complete a thesis, in which I have to conduct a study, in order to complete this programme. My study will seek to find out if the use of portfolios in the classroom as an assessment tool will improve students' performance.

I am hereby requesting your permission to carry out this study.

Your cooperation in this matter will be greatly appreciated.

Thank you.

L. Tamniy Henry

Norm granted Adv. Not granted

14th 1 12252

Appendix B

Permission Letter to Principal of Althea Scatliffe Primary School

L. TAMMY HENRY

P.O. BOX 698 ROAD TOWN, TORTOLA BRITISH VIRGIN ISLANDS

December 15, 2003

Mr. Gordon Callendar Principal Althea Scatliffe Primary School John's Hole. Tortola British Virgin Islands

Dear Mr. Callendar.

I am currently a graduate student at the University of the Virgin Islands pursuing a Master of Arts in Education. I have selected to complete a thesis, in which I have to conduct a study, in order to complete this programme. My study will seek to find out if the use of portfolios in the classroom as an assessment tool will improve students' performance.

I am hereby requesting your permission to carry out this study in Grade 4 at your school.

Your cooperation in this matter will be greatly appreciated.

Thank you,

.. Tanımy Henry

Appendix C

Language Arts Test - End-of-Term 2003

2003 ADVENT END OF TERM

COMPREHENSION/ GRAMMAR CLASS THREE (3)/GRADE IV

NAME.	
SEX () FEMALE	() MALE
AGE.	
DATE OF BIRTH	
PLACE OF BIRTH:	
CLASS:	
SCHOOL.	
TODAY'S DATE:	

FOLLOW ALL INSTRUCTIONS ANSWER ALL QUESTIONS



SUBJECT	
COMPREHENSION	30

GRADE

READING COMPREHENSION

CIRCLE THE CORRECT LETTER TO ANSWER EACH COMPLETE QUESTION. (1pt each) Read the passage <u>carefully</u>.

1. How long did the students have to complete the project?
A. 1 day
B. I week
C. 1 month
D. I year
2. What kind of eggs did Jose find?
A. Dog eggs
B. Frog eggs
C. Turtle eggs
D. Frog eggs
3. Jose put the eggs on top of the to keep
them warm.
A. freezer
B. table
C. refrigerator
D. oven
4. What did he do each time he looked at the eggs?
A. drew
B. sing
C. dance
D. write
5. Which day of the week did the eggs begin to hatch?
A. Monday
B. Thursday
C. Friday
D. Wednesday

Number these sentences in the order they happened in the story. (1pt each)
After several days the tadpoles began to hatch.
On Friday, Jose took his science project to school.
Mr. Nielsen liked Jose's science project.
Jose found frog eggs in the pond and took some home in a jar.
The young tadpoles had gills, but no mouth.
Each day the black part of the eggs grew to loo more like a tadpole.
FILL IN THE BLANKS WITH THE APPROPRIATE ANSWER FROM THE PASSAGE.(1pt each)
1. Jose found the eggs in a near his house
2. He them up and put them in a jar.
3.A tiny tadpole struck itself to a
4. The tadpole grew in the black of the eg
ANSWER THE QUESTIONS IN COMPLETE SENTENCES.
 Which word in the passage means the same as twelve? (2 pts)

	According to his Science book, which part was being used as food for the tadpole? (1pt)
	Which two parts of the tadpole could easily be seen? (2pts)
	What instrument did Jose use to look at the eggs? (1pt)
5.	What did Jose compare the eggs to? (2 pts)
6.	Give the story a suitable title. (1pt)

Complete this picture by following the directions at the buttom of the picture.

t mark each = 6



- Draw another swing on the swing set.
 Put a big tree on the left side of the playground.
 Color the merry-go-round red and blue.
 Make some flowers under the slide.
 Put a sandbox in the middle of the playground.
 Make a little dog beside your tree.

GRAMMAR

SECTION A	
CHANGE EACH SINGULAR NOUN IN T	HE BRACKETS TO ITS
PLURAL FORM. (1pt each)	
1. All the (man) and (woma	n)at the
meeting were early.	
2. At bedtime the children washed the	ir (foot) and
brushed their (tooth)	11 (11.71) and
in dailed their (tooth)	
3. The cats on the farm love to eat (mo	ouse) and
(fish)	,usc)and
(tish)	
4. Before the storm all the farmers can	ught all the (goose)
and the (ox)	
SECTION D	
SECTION B	
UNDERLINE THE CORRECT SPEI	LING FOR THE
PLURAL OF EACH WORD. (1pt eac	:h)
1. potato -	
potatos	
potatoes	
potatoies	
2. wife-	
wifes	
wivies	
wives	
3. banjo	
banjoies	
banjos	
banjes	
4. chief	
chiefs	
chieves	
chiafe	

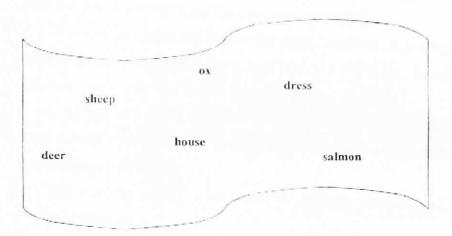
SECTION C

ADD COMMAS (,) WHERE NEEDED IN THE FOLLOWING SENTENCES. (1pt each)

- 1.No they have not finished their homework yet.
- 2. Well you did a good job on your project.
- 3. Yes I enjoyed the movie last night.
- 4. Oh John did you bring your homework.
- 5. Lock up the windows please.

SECTION D

CIRCLE THE NOUNS FROM THE WORD BANK THAT DO NOT CHANGE WHEN IT IS MADE PLURAL. (1pt each)



Just before the bell rang, Mr. Nielsen said, "Don't forget that your science projects are due a week from today"

Jose thought about his project. A few days ago he had found some frog eggs at the pond near his house. He had scooped up a dozen or so with some pond water in an empty jar. At home, he placed the jar on top of the refrigerator to stay warm. The eggs looked like small black beads in white jelly.

Each day Jose looked at the eggs through a magnifying glass and drew what he saw. Day by day, he watched the jelly part of the egg get smaller as the tadpole grew in the black center. A head and tail could be seen and soon the tadpoles began to move. His science book said that the jelly part was food for the growing tadpole.

The next Thursday the first of the eggs hatched. A tiny tadpole stuck itself to a leaf of the pond plant Jose had put in the jar. It had no mouth yet, but Jose could see finger-like gills behind its head.

By Friday, four more eggs had hatched. Jose carefully carried the jar to school, along with his day-by-day drawings and written record of the changes he'd seen.

"This is a fine project, Jose," said Mr. Nielsen. "You must have given it a lot of thought."

END OF TERM TEST FOR THE ADVENT TERM 2003-2004 LANGUAGE ARTS

NAME			
DATE OF BIRTH			
PLACE OF BIRTH_			
AGE	SEX	MALE	FEMALE
SCHOOL			
CLASS THREE	_(GRADE)	FOUR) TEAC	HER
TODAY'S DATE			



/25	
/30	
	/25

SPELLING AND VOCABULARY

SPELLING

					/10
1			6.		
2			7.		
3			8.		
ŧ			9.		
5.			10	0	
B]	Unde	rline the wor	d if it has	a short vov	vel sound
	Circle	e the word if	it has a lo	ng vowel so	ound.
	Duck	huge	plane	black	sweet
	Thief	dime	SIX	home	clock
Cl					d answer the clu
I Yo	ou do this to take	the flame off fr	om your birt	hday candles.	ow
2. It	is a mode of the				obc
2. It 3. If	you have manner	rs, you will use			obe
2. It 3. If 4. Th	you have manner	rs, you will use			
2. It 3. If 4. Th	you have manner	rs, you will use			ease

	brackets.			
1. T	he	virgins took t	heir (amps	s with them but no oil. (wise)
2. T	he devil finds work for			hands. (busy)
3. T	immy is a		. He risk	ted his own life to save the
d	rowning boy. (coward)			
E) C	Choose the correct prefix	to make the opp	osite of t	hese words. The prefixes are
		im, ir, il,	<u>un</u>	
1.	comfortable		3.	regular
2	possible		4.	illiterate
31	Choose a word fr	om column A	to mate	h with a word from
				, with a word from
	column B to make	e a compound	word.	
C	Column A	Column B		Compound word
	Сир	bell		
N	1oon	broot		
	III. account	cake		
V	Vater	саке		

COMPOSITION

A]

Number these pictures in the correct order to tell a story.

/2





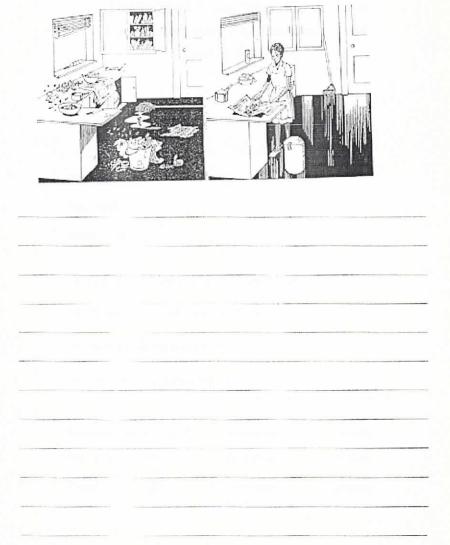




BRewrite these sentences in the correct order to tell a story. Rewrite the sentences in the form of a paragraph. Do not write the sentence that does not belong. 10 1. It looked so hungry that Mr. Browne gave him some food. 2. He was just in time to put out the fire and save his house. 3. After eating, it then went to sleep in a box at the top of the stairs. 4. In this way, the dog repaid the man for his kindness. 5. At mid night the dog awoke Mr. Browne by his loud barking. 6. One day as Mr. Browne was walking along the street, a homeless dog walked behind of him 7. He went downstairs and found the kitchen on fire 8. The dog followed him all the way home. 9. Mr. Browne is having a birthday party.

Paragraph format = 3 pts Distracting sentence = 1 pt Sequence = 4pts neatness = 2pts

Write a paragraph about this picture. You must have at least ten sentences. Your sentences must follow a sequence. Be sure your sentences are constructed properly.



Content	Organization	Mechanical	Total
90	15	a	19

Appendix D

Language Arts Test - Mid-Term 2004

2003-2004 Lent Mid-Term Test Grammar and Punctuation Test Class 3 Grade 4

Name:		
School:		
Class: 3-	Age:	Sex:
Date of Birth		
Place of Birth		
Today's date		
• Read cach ins	STRUCTION truction carefully. e questions. below this line.	
Grammar: Score	/25 Percentage	Grade:
Punctuation: Score_	/10 Percentage	Grade:
Total: /35	P. rcentage	Grade:



Grammar: 25 marks)

Section A

Read the paragraph below carefully. Then circle all the action verbs that you can find. = 2 anwes = 1 mark (10 marks)

Every morning, after you wake up you kneel down and say your prayers. Then you bathe, dress and comb your hair. After eating your breakfist, you walk or ride to school, where you learn to read good haglish, to multiply, to sing and many other things. In fact you cannot think of any time in the day when you are not doing something. When you are tired you rest and even when you sleep you breathe and maybe even dream and snore.

Section B

Look at the present tense verb below. Then circle the letter that shows its correct past tense. (3 marks)

1. sneeze -	53	sneezed	b. sneezied	c. sneezeed
2. copy-	11	copyled	b. copyed	c. copied
3. slap-	.1	slaped	h. slappied	c. slapped

Section C

On the lines provided, change the verbs in the brackets to their correct past tense. (3 marks)

1.	During General	Assembly, we The Lord's Prayer. (say)
2.	We	after Blue House won the Tug of War. (cheer)
3.	Our mother	to bake the cookies for the party. (forget)

Section D

In the sentences below, underline the helping verbs and circle the action (main) verbs. (5 marks)

- 1. The children are sweeping the dirty floor.
- 2. I am baking the pineapple tart for the pienic
- 3. We were in ening to the results for the Horse Race

Section E

Read the sentences below carefully. Then underline the verbs only. (3 marks)

- 1. Reavaughn is not to ling well today.
- 2. Dillion and Charlesworth are best friends.
- 3. Kia was angry at her brother.

Section F

Read the sentences carefully. Then circle the verb that is most suitable for the sentence. (3 marks)

1.	Mother	" Please do not wake up th	ie hab	y."
a	screamed	b. whispered		shouted.
2. spe	The crossing eeding driver, "	guard suickly lifted her hand and Stop!"		to the
11	replied	b. shouted	¢.	said
3.	Bill	his father to allow him to go to the	late	night movies.
Ji.	hepwed	h asked	100	ald

Punctuation- (10 marks)

Section Co

Match the .vo words in Column A to the correct contraction in Column B. (4 marks)

Column A	Column A			
1 did not		you're		
2 he is		didn't		
3. you are		they'll		
4. they will		he's		

Section H
Look at the two words underlined in the sentence. Then on the line provided write the correct contraction. (3 marks)
Martha will not listen to her teacher
2. She will pick map after volleyball practice.
3 It is going to be a very exciting Sports Day.
Section I
Rewrite these sentences to show ownership. (3 marks)
The tail belonging to the rabbit is short and fluffy
2. The meeting for teachers will begin in one hour.
3. Have you reac the books belonging to the children?

READ ALL INSTRUCTIONS ANSWER ALL QUESTIONS GOOD LUCK!!!!

SPELLING/ VOCABULARY

1	6
2	7
3	8
4	47
5.	10
CIRCLE THE CORRECTLY	SPELT WORD IN EACH
SECTION.	
(1pt each)	
1 incisors	3 bage
insicors	badge
inscisors	bagde
2 excrete	4. pasport
exscrete	paesport
excreete	passport
MATCH THE WORDS	
ABBREVIATIONS. (1pt each	1
December	St.
Mister	Dr.
Captain	P.W.D
Street	Dec.
Please Turn Over	Mr
Doctor	Capt

PT.O

Public Works Department

2003/2004 LENT MID -TERM

SPELLING /VOCABULARY/ COMPOSITION CLASS THREE (3)/GRADE IV

NAME:		
SEX: () FEMALE	() MALE	
AGE:		
DATE OF HIRTH		
PLACE OF BIRTH:		
CLASS:		
SCHOOL		
TODAY'S DATE		

FOLLOW <u>ALL</u> INSTRUCTIONS ANSWER <u>ALL</u> QUESTIONS



	SUBJECT	GRADE	PERCENTAGE
SPELLE	NG		
/VOCAB	ULARY /30		
COMPC	SITION /30		

USE THE CORRECT WORD FROM THE BRACKETS TO FILL IN THE BLANKS.(1pt each) 1. My mother bought me a ______ dress_(knew, new around the islands (sail, sale) 2 We are going to 3. The children told ______father about the luncheon (their, there) 4. Tom asked for anothe of cake, (peace, piece) 5. The little boy lost his rubber _____ (ball , bawl) SAY WHETHER THESE NOUNS ARE OF THE COMMON OR NEUTER GENDER. (1 pt each) a student-1. the floor-___ 2 a traveler- 4 a book WRITE THE OPPOSITE GENDER TO THE UNDERLINED WORD IN THE BLANKS. (1pt each) 1 I am spending my vacation with my uncle 2 Bob gave his rent to his landlady. 3. The hostess greeted us at the restaurant 4. There is a cock in the back yard. 5. I saw the prince of England PHONICS USE THE LETTER BLENDS TO MAKE WORDS FOR EACH SENTENCE. (1pt each) The trees outside look gr____today. 2. We use cr_____ to colour in our books 3. A fr_____ is an amphibian.

4. Fish have se and lives in water.

5 Most of us dr to school

COMPOSITION

not in the correct order. Use numbers to show their order, and then rewrite the sentences in the correct order in paragraph form. (10 pts)
After dinner. I prepare for the next day.
First, I take a break when I get home, then I get to work.
School days used to be busy, but then I made a plan so that my day would be
easier.
I get everything out for school for the next day so I am ready in the morning.
I do my horsework and put my homework in its folder so it is easy to find.
After I have everything out for school, I brush my teeth.
Now I go to sleep early so I can get up in time for school tomorrow.

CHOOSE ONE OF THE FOLLOWING TOPICS TO WRITE ABOUT.

Pretend your family was having a beach picnic. In a paragraph write what you saw and what you did! What happened? Who was there? How did you feel?

OR

day?				
-				
		-		
	130100111111111111111111111111111111111		-	

2003-2004 Lent Mid-Term Test Comprehension Test Class 3 Grade 4

Name:		
School:		
Class: 3-	Age:	Sex:
Date of Birth:		
Place of Birth:		
Today's date:		
YOUR INST	nction carefully.	VS
Do not write bel	ow this line.	
Comprehension: Score	/45 Percentage	Grade:



C				
	ec1	io	n	А

Read the passage on the separate page carefully. Then follow the instructions to complete this section. (30 marks)
A. Write T if the sentence is true and F it the sentence is false. (4 marks)
Carlos was camping outside
2. Carlos woke up during the night.
3. Mosh put the desk in front of the bedroom door.
4. Carlos really caught a butterfly in his net
B. Number the sentences to show the order in which the events in the story happened. (4 marks)
Carlos saw the thing that had been chasing him.
Carles ran into the house.
Carlos ran into a cave.
Carlos woke up.
C. Read the story carefully, then write one word from the passage that has the same meaning as the words below. (3 marks) Eg. seized – grabbed.
1. to get away- 2. monster -
3. very large -
D. Answer these questions in complete sentences. (19 marks)
1. How many characters are mentioned in the story? (2 marks)

2.	Who is the main character in this story? (1 mark)
3.	Where do you think this story took place? (2 marks)
4.	Why did Carlos duck into the cave? (2 marks)
5.	What word tells you that Carlos was not angry with Mosh? (1 mark)
6. i.	Write two contractions from this passage. (2 marks) ii.
7.	Write two past tense verbs from this passage. (2 marks)
9.	Write another suitable title for this story. (2 marks) Draw a picture showing how Carlos's bedroom looked after he woke up. the lines provided write a sentence about what you drew. (5 marks)
	the third provided write a senioric acout with you dow. (5 marks)

Section B

Read the short stories below. Then circle the letter that shows what you think happened next. (4 marks)

- 1. One afternoon Mr. Rome went grocery shopping. Since it was such a hot day, he decided to buy a carton of ice cream. On the way home, he stopped at the school to talk to his son's teacher. He left the groceries in the ear. What do you think happened?
- a. The teacher give him a good report about his son.
- b. The ice cream melted.
- c. Someone ate the ice cream,
- Nancy named her new puppy Trouble, because that is what be always caused. He was never still for a minute. No matter how careful Nancy was, the puppy could always find something to knock over or chew up.

One morning, Nancy left for school in a hurry. She forgot to shut her clothes drawer rightly. What do you think Trouble did while Nancy was at school?

- a. He climbed into the drawer and went to sleep.
- b. He pulled her clothes out of the drawer and began chewing on them.
- c. He pushed the drawer closed.

Section C.

Read the short story below. Then answer the questions in complete sentences. (11 marks)

Randy and Jim were best friends. They looked forward to their weekends, so that they could ride their bikes. On Sunday, Randy was excited to go bike riding with Jim. He wanted to show Jim his new 10- speed bike. As Randy rode around the corner, he saw Jim and an older man sitting in the middle of the sidewalk. They were sitting in bags of apples, oranges, packages and cans that were scattered all over the street. "It looks like that man and Jim need some help," Randy said to himself.

1. Why do you think the boys rode their bikes doing the weekend? (2 marks)

2. gro	Why do you think Jim and the older man were sitting in piles of ceries? @ markst.
3.	What do you think Randy will say to Jim and the older man? (2 marks)
4.	What do you think the older man will say to Randy? (2 marks)
5.	How do you think this story will end? (3 marks)

Appendix E

End-of-Term Test (Pre-Assessment) Scores
of the Pre-Experimental and Pre-Control Groups

Student #	Experimental Group	Control Group
1	88	64
2	51	85
3	88	93
4	84	67
5	44	83
6	70	91
7	50	43
8	50	77
9	50	83
10	96	97
11	77	84
12	55	77
13	58	82
14	70	56
15	86	86
16	82	74
17	71	87
18	65	84
19	72	83
20	71	86
21	75	83
22	67	80
23	82	86
Average	69.65217391	79.60869565

Appendix F

Mid-Term Test (Posttest) Scores of the Experimental and Control Groups

Student	Experimental Group	Control Group
1	87	70
2	60	80
3	90	91
4	90	63
5	52	81
6	81	89
7	67	43
8	76	73
9	54	81
10	98	95
11	83	90
12	61	67
13	62	55
14	83	71
15	78	77
16	88	65
17	84	85
18	72	80
19	68	89
20	70	77
21	84	86
22	72	64
23	83	78
Average	75.7826087	76.08695652

Appendix G

Sample of Student's Portfolio

MY

LANGUAGE ARTS

PORTFOLIO

Kia Barry

Name: Ma Bar 11

Adjectives

t at adjectives can also be used to help describe nouns.

... Look at the pictures. Complete each chart.

Example:



Noun	What	What	What
	Color?	Size?	Number?
flower	red :	small	two



Noun	What	What	What
	Color?	Size?	Number?
rl print	gra:	h ~	t

No! n	What Colør?	What Size?	What Number?
turil.	Jan 1	- m - l :	for



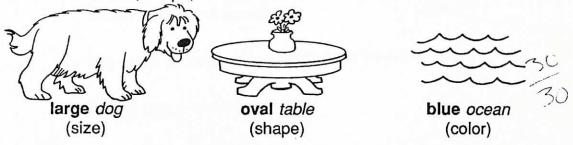


Noun	What	What	What
	Color?	Size?	Number?
+r 12	11 161	1.14	One

Name	Viin	3.00	= <u>1</u>	Skill: Identifying size, shape,
		J		and color adjectives

Tell Me More!

An adjective describes, or tells more about, a noun. An adjective may tell about the size, shape, or color of a noun.



Draw an orange circle around the adjective. Write the adjective and the noun. Then write whether the adjective describes size, shape, or color.

		Adjective	Noun	Size, Shape, or Color
1.	He has blue eyes.	blac	Cyt an	
2.	The small desk is mine.	Small .	d. k	Size
3.	Hand me the square box.	Squar -	po:	
4.	See the red sunset.	1:1	: +-	
5.	Leo is a large lion.	1000	11010	j
6.	The tiny firefly glows.	+11-	finely"	-17:
7.	Throw me the blue ball.	blue	1.11 -	
8.	Michelle has a green frog.	prit-	file	
9.	The round watch is lost.	round	u + + +	ships.
10.	Stand in the short line.	1/1:4-1	1	- 126

Brainwork! Write a sentence for each of these adjective-noun pairs—enormous elephant, round badge, and bright light.

Adjectiv

Adjectives Kia Barry 3-1
Adjectives
Circle each adjective that describes the underlined noun in each sentence
1. It was a hot and sunny day.
2. We were on a bumpy road to the beach.
3. Many cars were ahead of us.
134. The trip took(two hours.
5. We were a tired and hungry family.
6. Then we saw the white sand and blue ocean.
7. We went swimming in the cool <u>water</u> .
8. Julie found eight beautiful shells.
9. We had a wonderful time.
Write a sentence of your own using one or more adjectives.
My family and I built two beautiful dange sandrestless

=== Kia Barry

Skill: Identifying possessives

Who Owns What?

A noun may show ownership of things. When it does, the noun as an is after its last letter. The word or words that follow the is that the noun owns.

Fired the book titles. Under each book, write the noun ratishows ownership and the things owned.

. 3.	shows ownership and the things of	nea.	
	Ben's Dream by Van Allsburg	11	Kitten
	owner Ben's owns Dream	Owner Owns	Keko's Kitten
3.	The Emperor's New Clothes by Hans Christian Andersen	4. Katy's by Gibbs	First Haircut s Davis
	Owner ine Emperor3	Owner	Katy's L
T	Emilio's Summer Day by Miriam Anne Bourne	6. Charlot by E. B.	te's Web White
	Owner Emilios	Owner	Charlotte;
	Owns Summer Lay	Owns _	We with

Write your name with an 's after the last letter. Add something the many area of the words.

Tools for Writing

Proofreading Practice:

Possessives

As you read the stories below, you will notice that apostrophes have not been added to show possessives. Read the sentences carefully. Use the proofreader's mark (*) to show where apostrophes need to be added. For extra practice, use the proofreader's mark (=) to correct the capitalization.



The Pet Parade

parkersville fun festival was held each year during the first two weeks in june. There were always a lot of fun activities. They included all sorts of contests, games, and carnival rides.

the parkersville pet parade was held on the first saturday of the festival. All the neighborhood kids pets were ready for the parade. Adams turtle had a picture of the united states flag painted on its back. Kristeris kitten, caramel, had a baby bonnet tied around its head and kept trying to get it off. Tyan's collie had been brushed until its coat sparkled, and it didn't mind the leash at all. Justin's bird was riding in its cage on the wagon justin had decorated. Sabes llama was probably the most unusual pet of all. he hoped to win first prize.

vame Kia Barry Skill: Ad	
Pick an Ending!	adjectives
Many adjectives end in er or est . The endings show how two things compare. Use er to compare two people or things. Use es compare more than two.	
Janine is young.	
Janine is younger than Robert.	
Janine is the youngest child in the family.	
Choose the right adjective to finish each sentence.	
1. The room is warm.	warmer
2. My room is than my brother's room.	warmest
3. My room is the warment room in our house.	warm
4. Georgia is +aller than Juanita.	tallest
5. Georgia is the +allest girl in her class.	tall
6. Georgia is to 1.	taller
7. Dad has the <u>Sortest</u> voice in the family.	soft
8. My dad has a <u>Soff</u> voice.	softest
9. His voice isthan my mom's voice.	softer
o. The voice is and they more.	301101
Brainwork! Write and illustrate three sentences like the ones ab	ove. Use

100 tion Marks Kia Barn 3 arks (" ") are placed around someone's exact words. at barber cut my hair too short," Jon said. He cried, "There's almost nothing left!" delines for writing quotation marks: auotation marks before the first word of a person's statement. 53 use a comma to separate the speaker's words from the rest of the sentence. a closing **quotation marks** after the punctuation mark the nas the speaker's words. and the comma when a quotation ends with a question mark or - day alion point. example: "where are my eyeglasses?" he asked. ound twenty dollars!" she said happily. Piace quotation marks correctly in the sentences below. i Wendy asked 200 Pages Pan, the boy answered. 3. How old are you? she wanted to know 4. The obsure, but I'll always be young, Peter replied. 5 you live? Wendy asked. 6. Never Land, Peter said. 7. Inat sounds like a wonderful place! Wendy exclaimed. 8. It is said the boy. 9. Why did you come to our window? Wendy asked. 10. To hear stories answered Peter. I don't know any." 11. How sad! Wendy cried. I know plenty of stories. 12. Then fly with me to Never-Never Land, said Peter.

"When Someone Speaks"

 Use quotation marks and a comma whenever you are repeating someone's exact words.

Mrs. Torres said, "Please close the door."

 Notice that a comma separates the words being spoken from the rest of the sentence.

Add quotation marks to these sentences.

1. I'm tired of carrying this bag of grain, said the hen.

1/6

- 2. The dog said, I won't carry it for you.
- 3. Then I will eat all the bread myself, replied the hen.
- 4. The hen complained, It is hard grinding the grain into bread.
- 5. The pig grunted, Don't ask me to help!
- 6. Well, don't ask me for any of the bread when it's done, squawked the hen.
- 7. The other animals complained, The hen is selfish to eat all the bread herself.
- 8. The hen thought, If they had helped, I would be glad to share my bread.

Thursday 14th Janes to 1004 removed with Parktusting

25

Parkersville Fan Festival was held each year during two weeks in Mane. There were always alst of tan activities they included all sorts of contests, games and carrival rides, The Parkersville Pet Parade was held on the first Beturday of the Festival. H! the neighborhood kids pets were ready for the parade. Adam's faitle had a pature of the thintest States flag painted on its back. This ten's hitten fammed faramed, had a baby wonnet fred around its head and kept trying to yet? off. Again's collie had been brushed until its exact sparkled and it didn't mind the leash at all Jastin's bird was riding in its caye on the wayon Jastin had decorated. Years bland was probably the most and seal pet of all. He hoped to aim inst prize.

	Name Range Borry 3.1 Skill: Determining cause and effect
	Write a phrase from the Word Box to complete each sentence.
	Word Box I feed them ✓ lemon was sour, hear the music ✓ it was dawn / hands get clean ✓ it was ripe ✓ it was empty ✓ it had stopped ✓
0	1. Mother threw away the bottle because
	2. Dad wound his watch because it had stopped.
	3. Use soap and warm water so your hands get clean.
	4. The rooster crowed because It was I was
	5. I picked the tomato because
	6. My fish swim to the top when I Call them.
	7. I put on headphones so I could hear the median.
	8. My mouth puckered up because the
	Just for Fun! Write to show what happened next. The pig was rolling in the mud.
	FS-32028 Critical Thinkro

	Name Kis Carry 3-1 Skill: Determining cause and effect
	Write a phrase from the Word Box to complete each sentence.
	Word Box is too high it is winter I was sleepy smiled at him did not eat breakfast had a haircut it is spring he is ill
•	1. My hair was too long so I de la
	4. The baby smiled when I <u>Smile</u> at him L
	5. Matt is absent because
	6. Flowers are growing because
	7. Nights are cold because
	8. I need the ladder because the shelf
	Just for Fun! Write to show the reason this happened. The kitten hid under the basket.
	© Frank Schaller Dublishing Inc.

Name Kia 13 alig	Cause and ef
So	
Write a phrase from the box at the right as a result of the action.	t to tell what most likely happene
1. The telephone rang so	I answered it. ~ I hung up. it was loud.
2. My friend got sick yesterday so	he rode his bike to school. he felt better. he was absent today.
3. We were noisy during the fire drill so	we talked too much. we had to do it over. we had a real fire.
4. At camp we left food on the picnic table so	Dad cooked it. the animals ate it. it would taste better.
5. I lost my lunch money on the way to school so	it's probably on the bus. I had to borrow money. I ate the lunch I packed.
6. Jerry is allergic to seafood so he decent voto agagrans.	he doesn't go to aquariums. he always asks what's in the food he's served. he never eats vegetables.

Try This! Complete this sentence with four different results: I just won the watermelon-eating contest at the fair so...

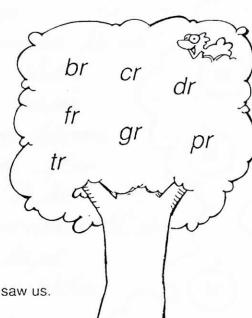
NAME	Kich Basi	Listening Skil	lls	
Cause	e and Effect		0.00 1040	
,				
1. 💢	Seeds had spilled on the shelf.		20 1	,
	Ms. Dalton forgot the nails.			k,
	Ms. Dalton couldn't build the bird	d feeder.		
2	Ted's cat hid them.			3
	Ted had paper and markers at hor	ne.	*	
بر. المريال المريال	Sam ripped them to shreds.	٠.		•
		10		
3	The twins couldn't go to school.			
, * , *	The twins were paid four dollars.	6		
	The twins wanted to rest.			
				600
4	Jane and Lance left for the park.			
· · *	It started to rain.			
1	Jane and Lance wanted to work.		*, =	
V.	And State of the Control of the Cont			
5, 4	Their neighbors are noisy.			
	Their neighbors are cats.	4		- <u>I</u>
A Marian	The mice want neighbors.			rdeft Gin
	Ken's friends were sad.			Silver Bur
No.	Ken got another balloon.	e and		0
X	The balloon burst.			
Contract of the second	and outloon outle.	· · · · · · · · · · · · · · · · · · ·		(

A Tree of Blends

Write the missing letters below. Use the blends on the tree

- 1. Ben tapped i Jr uid soltly.
- 2. This wall is made of Juricks.
- 3. There is a 'r ack in this tray.
- 4. Pat ate some gr apes at lunch.
- 5. Mom will do ive to the market.
- 6. The grass in the yard is gr awing tall.
- 7. Janet won first <u>pr</u>ize in the contest.
- 8. The baby is sleeping in her <u>cr</u>ib.
 - 9. Let's hike along this 1/2 ail.
 - 10. A fr og jumped into the pond when it saw us.
 - 11. What is the price of that dress?
 - 12. The truck is carrying a load of Fr uit.
 - 13. Amy is going on a dr join June.
 - 14. Will you help me with this math _pr_oblem?

Read the sentences again. Find four other words that begin with an r blend. Write them on the line.



Barry Name Pick a Blend Choose a blend from the apple tree to complete the answer to each riddle. Write the blend in the blank. 1. Something a queen might wear ____own 2. Something to eat grape 3. Something you wear on your hand 4. Something you can climb 5. Something you paint with 6. Something that smells good 7. Something that you can ride 8. Something that tells time 9. Something that goes around a picture ame 10. A small amount of water drop 12. Like a shovel _______ade dr Skill: recognizing blends 70

Name .	Kia	Burry	Skill: Comparing nouns
		J	more and

More or Most?

Write **more** or **most** before nouns to compare the amounts the noun stand for. Use **more** to compare the amounts two nouns stand for. Use **most** to compare the amounts three or more nouns stand for.

Brandon has more pencils than Kara.

Brandon has more pencils than Denise.

Brandon has the most pencils.



Brandon Kara Deni

Read each sentence. Write either more or most to finish it.

1.	Tina took time than Allison to finish the test.
2.	Denise took the mother time and finished the test last.
3.	William ate pizza than John did.
4.	John read <u>more</u> books than Brent.
5.	William won themo word games of all the students.
6.	The pet store sold canaries than rabbits.
7.	My dog eatsmorefood than my cat does.
8.	Julio read the <u>most</u> books of all.
9.	Wendell sold the most magazines of all the students

Brainwork! Copy the first sentence. Write two reasons why you think Ti took more time than Allison did to finish the test.

10. Angelo drinks __more____ milk at breakfast than at lunch.

ame ... Kia Butiy

Sould December to a control

What a Group!

Many of the 4,000 animals that belong to the mammal group are unique.

Bats are the only members that can fly.

The largest mammal is the blue whale. It is 100 feet long (30 meters) and weighs 100 short tons (9 metric tons).

The smallest mammal is the Kitti's hog-nose bat. It's about the size of a bumblebee and weighs as much as a penny.

As beavers gnaw on logs, their teeth should wear down, but they don't. A beaver's teeth keep growing, so they stay about the same length.

The platypus and the echidna are the only mammals that lay eggs instead of giving birth to live young. Even though they lay eggs, they still feed their hatched

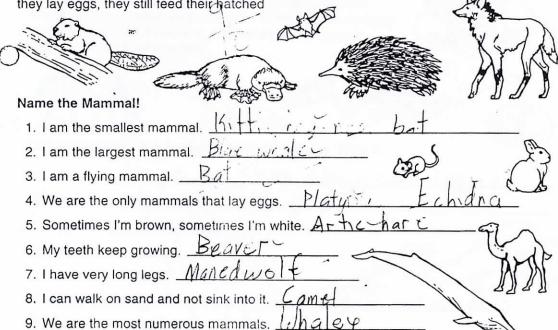
young with milk they produce.

The Arctic hare is a brown color in the spring. It blends in with the tundra, or swampy treeless plain, where it lives. In the winter when the tundra is covered with snow, the hare's coat turns white.

The group of mammals with the most members is the rodents—rats, mice, chipmunks, squirrels, and porcupines.

The maned wolf is called "the fox that walks on stilts." It has long legs that help it hunt for food in the tall grasses of the South American plains.

A camel has a pad on its foot that acts like a snowshoe. The pad spreads out as the camel walks and keeps the camel from sinking into the sand.



Challenge! Make up a unique mammal. Draw a picture of it. What is its name? How is it different? How does its uniqueness help it?

Kia Barry

Mammal Meals

Read the story.

Food supplies mammals with the energy to carry out their activities and stay alive. The types of food mammals eat vary.

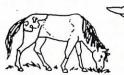
Most mammals (including elephants, giraffes, beavers, deer, and horses) are herbivores, or plant-eaters. Lions, wolves, and similar mammals are carnivores, or meat-eaters. Humans, bears, and raccoons are omnivores. They eat both plants and meat. A small group of mammals (including aardvarks and anteaters) are insectivores, or insect-eaters.

At times when food is scarce, mammals migrate, or travel, to find food. Gray whales leave their home in Arctic waters and summer in Baja California where food is plentiful. In winter, the bighorn sheep come down from the snow-covered mountains to the valley below to find meadow grass.

Some herbivore mammals (like the desert-dwelling ground squirrel) estivate, or go to sleep during hot, dry seasons, when plant life becomes scarce. While sleeping, they conserve energy and don't need food. Some carnivore mammals (such as the woodchuck) hibernate, or go to sleep during cold seasons, when food is scarce.











Find the definition in the story for each word below. Write it.

1. hibernate	to	90	to	SICCO	during	cold	Season;	,
	1	7	,	1	1, 5			

2. omnivores Plant and

3. migrate to h

4. herbivores __DIG

5. carnivores ME

7. insectivores __INS

Challenge! Invite a herbivore, carnivore, omnivore, or insectivore to dinner. Plan a meal for it. Cut pictures of food out of magazines. Glue the pictures on a paper plate.

ETS ha Barry

_____ Skill: Recognizing action verbs

Action Words

Some verbs are action words. They tell what nouns (people, places, or rings) do.

Traw a line under the verbs in the book titles. Write them on the book.

- · Curious George Learns the Alphabet by H. A. Rey
- · Curious George Rides a Bike by H. A. Rey
- · Curious George Flies a Kite by Margaret and H. A. Rey
- Curious George Goes Sledding by Rey and Shalleck
 Curious Coorge Visite the Zee by Boy and Shalleck
 - Curious George Visits the Zoo by Rey and Shalleck
 Curious George Gets a Medal by H. A. Rey
 - Ira Sleeps Over by Bernard Waber
 - · Lyle Finds His Mother by Bernard Waber
 - · PaddingtonTakes theTest by Michael Bond
 - I <u>Like You</u> by Sandol Stoddard Warburg
- 1. Learne
- 2. Ride
- 3. Fly
- 4. Steelding
- 5. Vista Visi

- 6. Gels
- 7. Sleep
- 8. Find
- 9. Takes
- 10. 4.60



Jse these verbs to make three new book titles: Learns, Visits, and Rides.

- 11. Polly the Parist Dearns the Holicist by his Burry
- 12. Polly The Parist Leners Learns how Rides a behe by hig Berry
- 13. Polly the Parrot Lisits The Zoo by hia Barry

Brainwork! Look at books in your classroom or school library. List three book titles that have only one action verb. Circle the action verb.

: -- Personal Publications Inc

9

FS-8651 Nouns, Verbs, and Adjectives



Name: Kia D...

Verbs

.Vhen a verb tells what one person or thing is doing now, it usually ends in **s**. **Example:** She **sings**.

When a verb is used with **you**, **I** or **we**, we do not add an **s**.

Example: I sing.

Directions: Write the correct verb in each sentence.

Example:

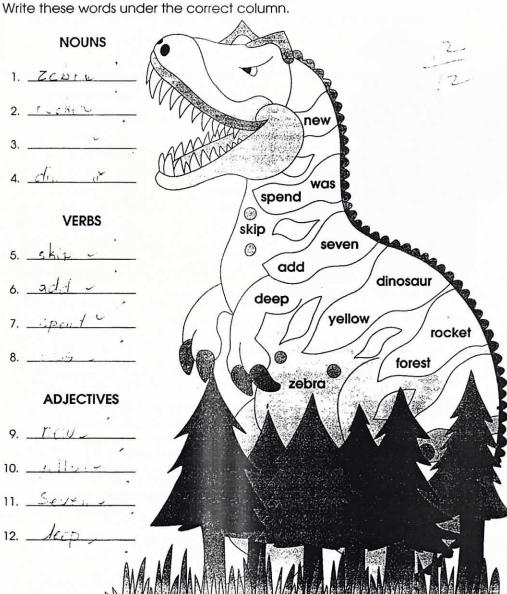
1 <u>write</u> a newspaper about our street.	writes, write
1. My sister helps me sometimes.	helps, help
2. She draws the pictures.	draw, draws
3. Wethem together.	delivers, delive
4.1the news about all the people.	tell, tells
5. Mr. Macon the most beautiful flowers.	grow, grows
6. Mrs. Jones to her plants.	talks, talk
7. Kevin Turner / his dog loose everyday.	lets, let
8. Little Mikey Smith lost once a week.	get, gets
9. You may 1 live on an interesting street.	thinks, think
10. Weit's the best street in town.	say, says

Subject-Verb Agreement A noun or pronoun is usually the subject of a sentence. It tells who or what the subject is about. The subject can be singular or plural. Singular subjects need singular verbs. Example: She plays basketball after school. Notice that singular, present tense verbs end in -s. Plural subjects need plural verbs. Example: They play basketball after school. Notice that plural, present tense verbs do not end in -s. Write the correct verb on the blank space. 1. A planet always <u>Change thanges</u> its position. 2. Nine planets ___move around the sun. _ on its own path, or orbit. _ one year for Earth to complete its orbit. light to the planets. 5. The sun, which is a star, give from one another in size. 6. The planets. us see the stars and planets. 7. Telescopes_ 8. Scientists_ that the stars consist of gases. believe believes Thur Publishers Commary Subject Virt Armeny --

と言うとは、こうでは、とはついってきたよけついってきたよいでいるがあってよいのであった。いっというないというながにというとなっていると

,	To be, to do,	to ha
Name Kia Barry	<u>`</u>	
All About To Be, To Do, To Have The verb forms of be, do, and have a nouns or pronouns, singular or plural	are used as helping or linking verbs and must agree with	
	rice a week. In this sentence, is, a form of be, and agrees with the singular, garbage.	
Recycling efforts do an	important job. Do agrees with efforts.	
Forms of be : am, is, are, was, were, They need helping verbs. I am being	be, being, been. Be, being, and been cannot stand alone patient.	١.
Forms of do: do, did, does, done	Forms of have: have, has, had	
Practice Makes Perfect		
	lowing sentences. (Hint: Remember that the noun and ve	rb
1. Getting rid of garbage 15		
2. This Was also a problem		
3. In many ancient cities, garbage _	being thrown out of the windows.	
4. People : disgusted wi		
5. Their streetsb/cr. cbecom	, –1	
6. Nowadays, garbage	be my picked up by huge trucks.	
Write the correct form of do in each s	entence.	
7. Let's face it, garbagedocs_	smell bad.	
8. Many cities take the		
9. Recycling dot make a b		
	erve natural resources that manufacturers otherwise wou	ld
11. Recycled wastes pro	ovide materials for a large number of products.	
Write the correct form of have in each	n sentence.	
12. Many cities <u>have</u> recycling		
13. Many people he we bins for	•	
	en filled to capacity, another was opened.	
,	roblem of garbage.	
Try This! Think of a way to so two forms of be, do,	ve the garbage problem. Write your ideas. Try to use at land have.	eas
	^	

Review - hia Bring



Yesterda	ilk every day. y l drank two glasses.	
PRESENT TENSE	PAST TENSE	MINI MINI
do	did 🗸	Malo
begin	began v	B- MA
fight	fought	
grow	grew 🗸	(00)
throw	threw	
tell	told v	7 11
choose (chose	
wear	wore	
3. Another is that he4. As a young farme	Washington is that he nev	ver dollar across a river crops and

	,^	Name Kia	Bairy		Irregular Pas	
			t form the past tense by add verbs are called irregular		Tense Verbs orm the past tense	
		Examples:	I <u>wear</u> shorts in sum Jim <u>sells</u> candy bars		ts yesterday. ee candy bars.	
		Draw lines to m	natch the present and	past tense verb f	orms.	
		GF	ROUP 1	GRO	JP 2	
111		fall	told	make	began :	
	1.	go	knew	eat	felt	
	i, l	break	fell	think	ate	
	1	sit	went	begin	forgave	
		know	sat	feel	made	
Y I		tell	broke	forgive/	thought	
iii	Use past tense verbs from the above lists to complete the story.					
	~·*	When I babysa	at my sister, I though	rur	we would have a	
	4	fun day. The day	_began	fine. Then t	hings got worse.	
TIM		My sister	at	down on the sidewa	lk. Then I	
	her piece of chalk accidentally. I folt bad. I do my sister					
	that I was sorry and she for gove me. Then, we					
		went	into the h	ouse and watched a	movie.	
		© Carson-Dellosa CD-3742	34			

Some verbs	s do not form the	past tense by	adding	-d or -ed. The	Tense	ular Past e Verbs st tense in
Examples: Draw line		every day. candy at the e present a	store.	Mary bou	a last night. ght candy yes forms.	sterday.
	GROUP 1		1 [GB	ROUP 2	
take		threw		write	swa	m ^L
give		went		drink	.ran	· /
choo را	se	took		bring	dra	ık 🗸
throv		rode		come	wro	te∖
go		chose		swim 🛫	cam	ie V
ride		gave		run	bro	ıght Č
1. We	/	,	_ my lif	ts to comple tle brother to his stuffed be	the zoo.	ntence.
3. First w	re all <u>rode</u>	1		_ the zoo train	n.	
4. Then v	· **:	/		to the monkey	house.	5.
5. We	three c	7/	_ pean	uts to the mon	keys.	
6. Next w	e saw some sea	lls who	Swan	./		
7. My frie snack	end said "Let's ra bar.	ace," so we _	r _{i,tv} ,	,	t	o the
Carson-Dellosa	CD-3742		33			

Name Kia Barry

Usage—Irregular past tense verbs



It Doesn't End in ed!

Read the story. Underline the past tense verbs that are made up. Write each verb correctly on the line.

- 1. Spent Last night m
 2. came the night. She
 3. made We maked tac
- 4. ate v
- 6. act
- 7. put
- 9. bleu
- 10. <u>fold v</u>

Last night my friend Angela spended the night. She comed over before dinner. We maked tacos. Our taco shells were small. So we each eated 10! Mom and Dad sayed they had never seen such taco monsters before.

After dinner Angela and I getted some bottles from our recycling bin. We washed them and lined them up on the counter. We putted them in order to match the sounds we thinked they would make from lowest to highest. Then we blowed across the top of each until we could get it to make a sound. It was fun. Finally my parents telled us to put away the bottles and go to bed. We haved a great night.



Try This! Write about a great time you have had with a friend. Underline all the past tense verbs you use.

Name Ma Barry Skill: Determining cause and effect
Write a phrase from the Word Box to complete each sentence.
Word Box ride her bike has a leake took the picture touch the wall hands were cold it is dull hungry before lunch a new one
1. My shoelace broke, so I need
2. I put on my gloves because my his i.
3. The paint is wet, so do not
4. She has training wheels because she can't
√5. Eat breakfast so you are not
6. The knife won't cut because
7. My bike tire is soft because it
8. The camera clicked when I
Just for Fun! Write to tell why this happened. The girl yelled, "Hooray, I found it first!"

Write a phrase from the Word Box to complete each se	Determining cause and effect ntence.
would look pretty would stay out know the number bug bit her would be straight be safe	
2. Meg scratched her arm because a bush his	vui /
 3. Dan saves stamps because he	
5. The teacher used a ruler so the line	
6. I used the telephone book because I didn't	
8. He locked the gate so the puppy would	
st for Fun! Write to tell what happened next. She put two new batteries in the flashlight.	

Committee Contract of the Cont

3-1 1 Walling Man & Man
Choose the correct verb to complete the sentences below.
Jack and his mother were hungry and food. need food. need food. need
2. The boy walk walked to town to sell their cow.
3. Along the way, he an old man an old man.
4. The man say said trade traded you these magic beans for the cow."
5. Jack 2011: 1 and took the magic beans home.
6. That night he plant planted the beans in the ground.
7. The next morning, there a huge beanstalk.
8. Jack decided to climb climbs up the beanstalk.
9. He didn't that a mean glant lived lived at the top.
10. The giant Jack and ran after him. see saw ran run
11. Jack <u>Scrambles</u> down the beanstalk. scramble scrambled
12. He chops if to the ground just in time.

Included 19th Januar is 1994 Sanctuation The let Prince

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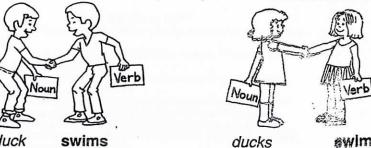
Parkersville Fun Festival was holdered your during two weeks in Mane. There were always alst of tan activities they included all sorts of contests, games and currinval rides, The Parkersville Pet Parade was held on the first Baturday of the Festival. Hill the may bork sood kids pets were ready for the parade. Adam's faitle had a pature of the thintest States flag pointed on its back. Ariston's hitten townet Caramel, had a backy bonnet tred around its head and kept trying to yet? off. Again's collie had been brushed until its coat sparkled and it didn't mind the leash at all Jastin's bird was riding in its case on the wayon Jastin had decorated. Yabas land was probably the most and seal decorated. Yabas land was probably the most and seal pet of all. He hoped to win first prize.

Name __h ____ @kill: Identifying nounverb

We Agree!

A verb tells what a noun (person, place, or thing) does. The noun and the verb in a sentence must agree.

Nouns and verbs agree when both words are singular (stand for one thing) or when both words are plural (stand for more than one thing).



If the noun and the verb in each sentence agree, write agree. If they don't, write don't agree.

The owls sits in the tree.
 The boy ride his bike to school.
 The girl plays soccer very well.
 The tops spin fast.
 The dogs jumps high.
 The frog croaks at night.
 The rabbit hop over the flowers.
 The car runs well.
 The cake taste delicious.

Brainwork! Write each sentence whose noun and verb don't agree. Change the verb to make the noun and the verb agree.

heider tompreh nim

Where's my Shirt?

"Carlos are you done putting away the clean clothes so soon? Marie asked.

"I taught Mosh how to do it," Carlos bragged. "I'm teaching Mosh to help me with all of my work."

"Great, then you can spend your time doing things over when they're done wrong." Marie teased.

Carlos woke up the next day to see his dad standing by the bed. "Carlos, you put the clothes away yesterday, didn't you? Do you really expect me to build houses wearing this?" He was holding one of Marie's fancy pink blouses. "I don't think it will fit," he said. He tried to look angry, but there was a twinkle in his eyes.

Mrs. Garza came into the room. "Carlos, don't you think I would look silly wearing this to the office?" She had on Carlos's baseball T-shirt with her skirt?

Carlos couldn't help laughing at his mother's outfit. I'm sorry. I taught

the robot to put the clothes away. I guess it got mixed up."

Just then a cry came from the hallway. Marie stomped into Carlos's room. "I can't go shopping in Dad's work shirt. Where's my" Marie stopped when she saw her mom wearing Carlos's shirt. "What's going on?" she asked.

Mr. Garza chuckled and said, "Our clothes are a little mixed up thanks to Mosh." Then Mr. Garza turned to Carlos and said, "Looks like your day will be spent getting our clothes back in the right places."

'That will take hours," Carlos moaned. He looked over at Mosh and frowned, He wasn't sure, but the robot looked as if it were almost laughing.

I have are 5 characters in the story?

2. West line of the did the story happen?
The story happened on milher's laundry day which is no makerday.

- Mooh was talnes afot.
 - ". I hat ded laise teach Month to do! labore tracked Month to put the cholden cholles in the family is to some

 - 6. I home thather do you think take received!
 - 7. has pather angree with larish?

 Her pather was angree with larish.

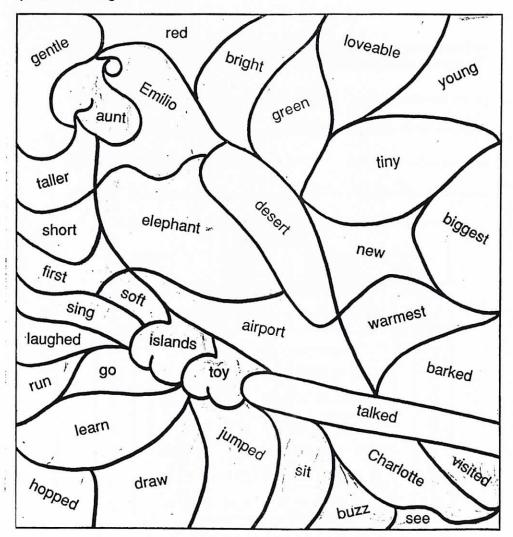
 1.1, tather was not angree with larish.

 3 Hour do you. Anour how taker pather pelt!
 - I there was not anon with tarbo because in the passage of stude that it had a little durable turable in his col.

ame his bally Skill: Reviewing nouns, verbs, and adjectives

A Noun-Verb-Adjective Surprise

) find the hidden surprise, color the nouns red, the verbs green, and the lijectives orange.



rainwork! Make your own noun-verb-adjective puzzle. Ask a friend to id the hidden surprise.

K= B-11/ 3-1

19

Using the words in the word list, write a homonym for each word on the line. Find the words from the word list in the puzzle below.

357			
1. cent	Sent v	5. peddle	1-1-3-6

	Word I	List	
write y their w	sail 🎸 hour	sent () pedal ()	hare : flour
e w r r m i	g(harenne) nepicon libea mri(f)	a n u p s t s f g f d s a i l a e x y r u o u r a i u p e b s	

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