An action research project described an implementation of vocabulary strategies designed to increase reading comprehension. The targeted population consisted of inner city elementary students located in central Illinois. Research shows that some children from low-income environments have below average reading abilities. Analysis of probable cause data revealed that students were failing to meet their optimal levels of reading performance. Students needed to increase the number of words that they read and understood automatically to increase reading comprehension. Prior knowledge and interest in the topic affects students' comprehension of the text. Difficult vocabulary affects reading comprehension. Some urban children lack reading materials that relate to their background. Failure in reading causes failure in school. A review of solution strategies suggested by experts, combined with an analysis of the problem setting, resulted in the selection of the following intervention: improving students' knowledge of vocabulary to increase reading comprehension by using graphs, charts, games, journals, and portfolios. (Contains 26 references and six charts and 12 graphs of data. Appendixes contain survey instruments, consent forms, and numerous pre and post tests.) (Author/RS)
IMPROVING READING COMPREHENSION THROUGH VOCABULARY

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Peoria, Illinois  
May, 1998
This project was approved by

[Signatures of Advisor, Advisor, Dean, School of Education]
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Abstract

This report describes an implementation of vocabulary strategies designed to increase reading comprehension. The targeted population consists of inner city elementary students located in central Illinois. Research shows that some children from low-income environments have below average reading abilities.

Analysis of probable cause data revealed that students are failing to meet their optimal levels of reading performance. Students need to increase the number of words that they can read and understand automatically in order to increase reading comprehension. Prior knowledge and interest in the topic affects students' comprehension of the text. Difficult vocabulary affects reading comprehension. Some urban children lack reading materials that relate to their background. Failure in reading causes failure in school.

A review of solution strategies suggested by experts, combined with an analysis of the problem setting, resulted in the selection of the following intervention: improving students' knowledge of vocabulary to increase reading comprehension by using graphs, charts, games, journals, and portfolios.
CHAPTER 1

PROBLEM STATEMENT AND CONTENT

Problem Statement

The students of the targeted elementary population exhibit a lack of vocabulary development as demonstrated by standardized tests, teacher observations, portfolios, and student journal entries. Vocabulary scores correlate with reading comprehension and intervention in this area is likely to have positive influence on overall comprehension scores.

Immediate Problem Context

This action research project takes place in one primary school, in the inner city, of a midwestern city. The targeted classrooms will be identified as A, B, and C. Classrooms A and B serve children with learning disabilities/behavior disorders and those who are educable mentally handicapped in a self-contained setting. Room A is a second/third grade room. Room B is a third/fourth grade room. Classroom C is a fourth grade regular division room with 23 students.
This study will be conducted in a pre-kindergarten through fourth grade school. The original three-story brick structure was built in 1924. A two-story twelve room addition was constructed in 1958 to increase student enrollment to 725 kindergarten through eighth grade students. This figure is based on an occupancy of 30 students per room. In the fall of 1985 the district reorganized the make-up of elementary schools. The buildings were changed to pre-kindergarten through fourth grade (primary schools) and fifth through eighth grade (middle schools). All of the hallways and rooms in the new addition have tiled floors. The remaining rooms have wooden floors and high ceilings. The gymnasium also serves as a lunchroom and an auditorium. The library is the only carpeted room in the building. The office and the teachers' lounge are the only air-conditioned areas. All the rooms have windows for ventilation. All classrooms are occupied, therefore special education staff meetings, grade level meetings, and other small group meetings are held in the boiler room. The asphalt playground is fenced with a small wood chip covered area that contains a jungle gym and monkey bars.

The school has a population of 508 students of which 2% are Mexican-American, 21.7% are Caucasian, and 76.4% are African American. Of this population 83% are low income. The schools attendance is 93%, with a student mobility of 42% (State School Report of 1995). An average class size is 24 students. The majority of the students walk to and from school daily. Three
buses transport the remaining students and there is a special bus to transport the special education kindergarten students.

The faculty and staff of this site consists of one principal, one newly assigned assistant principal, 23 regular division teachers, six special education teachers, one speech pathologist, one art teacher, one music teacher, one gym teacher, and three teaching assistants. The remaining staff includes one secretary, one part-time secretary, one librarian, two custodians, and six cafeteria workers. The staff of this site are 92% female and 96% Caucasian.

Many special programs are included at this site. A latchkey program is offered by a local organization. This program provides child care services before and after school for working parents. A parent group is organized each year to help with fund-raisers and volunteer services. Numerous after-school clubs are offered at this site. Some of these clubs include art club, drama club, tumbling, computer club, and basketball. Girl Scouts and 4H hold weekly meetings in the gym.

School District

In this school district of 15,803 students, the average class size is 18.6 with an operating expenditure per pupil of $5,860.00 (State School Report of 1995). This district includes four high schools, twelve middle schools, fourteen primary schools, one early childhood education center, six special
schools, one alternative school, one magnet school, and one
gifted school (School Directory, 1997).

The ethnic background of the district's student population
is as follows: 49% African-American, 46.9% Caucasian, 1.8%
Mexican-American, 1.8% Asian, and 0.1% Native-American. The low
income population within the district is 54% and the limited
English proficiency population is 1.5%. The mobility rate is
33%, and the attendance rate is 91.8%. The high school drop-out
rate is 14.6% with a chronic truancy rate of 6.9% (School Report
Card 1996).

The district employs 1,027 teachers with an average salary
of $35,427.00. Of this number 76.6% are female and 23.4% are
male. The ethnic background of the teacher population is as
follows: 92.1% Caucasian, 7% African-American, 0.4% Hispanic,
0.4% Asian, and 0.1% Native-Americans. The average administrator
salary is $60,115.00 (School Report Card 1996).

Community

This school community is located in the center of a
midwestern city which is midway between two of the nation's
largest cities, approximately a three hour drive from either.
The target city has a population of 113,504 people (1990 Census
of Population and Housing).

This city has three hospitals, one of which is a trauma
center. It has a private university, business college, a two
year community college, and a medical school. A civic center and
the headquarters of a major production company are located downtown. Many cultural and recreational activities are also available through the park district.

The research site is situated in a low income neighborhood of 10,064 people, with 33% below poverty level. The surrounding homes of this community are made up of 60% rental units. The average household income is $26,000.00 with 60% of these having female head of household. Six percent of the population does not have telephones (1990 Census of Population and Housing). The average employment rate of persons 16 years and older is 57%. Within the population, 74% are high school graduates and 19% have had four years of college (1990 Census Of Population and Housing).

Regional and National Context of the Problem

Students' lack of prior knowledge and information about the world in general poses problems in language and vocabulary development. Students with delayed language skills develop these skills in a normal sequence, but their skills are delayed enough to place them behind their peers in academic achievement (Leverett and Diefendorf, 1992).

Current evidence of problems with reading on a national level comes from the National Assessment of Educational Progress (NAEP). In April of 1995 this national organization revealed the most recent scores for elementary age children. Students in three grades in 39 states were tested. Less than a third of these students were proficient in reading, and only two to five
percent were reading at advanced levels. This research also indicates that although middle class children do show some reading deficits, children from low-income and disadvantaged households are severely affected (McPike, 1995). In "Learning to Read: Schooling's First Mission" the editor of American Educator Magazine states that the ability to read is central to living a fulfilling life. If a child does not learn to read fluently, broadly, and reflectively across all content areas, the chances for academic success, financial success, the ability to find interesting work, personal autonomy, or self-esteem are almost non-existent (McPike, 1995).

Stahl, Jacobson, Davis, and Davis stated in 1989, "there is a long history of research showing that vocabulary difficulty affects reading comprehension" (p.30). Children with vocabulary comprehension problems are often unaware of the difference between understanding and failing to understand. Even when they are aware, they rarely ask for help (Dollaghan and Kaston, 1992).

The at-risk reader experiences difficulties with sight word vocabulary, word analysis, reading fluency, vocabulary knowledge, and comprehension of text. Most of these deficiencies come from limited language and reading experiences in the child's environment. The students who demonstrate any of these deficits eventually suffer from low self-esteem and a disinterest with reading. At-risk readers need a supportive reading environment along with instructional strategies which use quality, high interest literature to promote reading growth and enjoyment. A program in which literature is read orally by the teacher prior
to rereading activities can encourage experiences which will raise self-esteem, promote an enjoyment of reading, and address a variety of reading needs (Marlow and Reese, 1992).
CHAPTER 2
PROBLEM DOCUMENTATION

Problem Evidence

The evidence to document that the lack of vocabulary development causes problems with reading comprehension was gathered by assessing parent and student surveys and administering a reading inventory and pretests.

The following is a graph representing results of student surveys given to all three classes (Appendix A). These surveys were given prior to the sixteen week intervention period. The students responded to the statements by circling agree, sometimes, or disagree. The results reflect the students interest in reading.
The survey consisted of the following statements:

1. I like to read for fun.
2. I like being read to.
3. I enjoy going to the library.
4. I like reading at school.
5. I like reading at home.
6. I would rather read than watch TV.

Parent surveys were distributed and collected from all three targeted classrooms (Appendix B). The surveys contained five statements to which the parents could respond by circling strongly agree, agree, disagree, or strongly disagree. The following pie charts display the results of parent responses to the statements.
Statement 1. It is important to have reading materials available in my home.
Statement 2. My child is excited about reading.

Statement 3. My child chooses to read books by him/herself.
Statement 4. I have a difficult time getting my child to read a book at home.

Statement 5. I would like to see my child read more.

In the first week of the action project, the researchers individually administered the QRI Reading Inventory. This tool
measures reading abilities. The test ranges from pre-primer up to level six. Each student begins the test one level below his assumed reading ability. He reads a passage and answers comprehension questions asked by the teacher. Students answers are scored which determines if he is at the independent, instruction, or frustration level. If an independent level is scored the next level is given. If a frustration level is scored the test below is given. Our goal with this test was to identify a student’s instructional level. The chart below designates the instructional reading levels for each child in the targeted classrooms.

<table>
<thead>
<tr>
<th>QRI Reading Inventory Baseline Data</th>
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<tr>
<td></td>
</tr>
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<td>Level 2</td>
</tr>
<tr>
<td>Level 3</td>
</tr>
<tr>
<td>Level 4</td>
</tr>
</tbody>
</table>

Probable Causes

Irwin (1991) stated the following:

Expanding students’ meaning vocabulary is a critical part of making sure that they have adequate background knowledge, and because word meanings are learned best when learned in terms of their associations with other concepts, it is
probably best to think of expanding prior knowledge and building vocabulary simultaneously. (p. 136-137)

A problem for many students is the lack of sufficient vocabulary knowledge. These students are often labeled educationally at risk (Nagy, 1988). According to some researchers children increase their vocabulary knowledge by acquiring on an average of 3,000 words per year (Brett, Rothlein, and Hurley, 1996).

Marlow and Reese (1992) state:

At-risk readers experience difficulty with sight word vocabulary, word analysis, reading fluency, oral miscues, vocabulary knowledge, or comprehension of text. These deficiencies stem from a lack of language and reading experiences in the child’s environment as well as from the child’s lack of information about the world in general.

The student’s development of prior knowledge is particularly important for students with poor reading skills. Texts need to be of high interest to the student and must activate students prior knowledge (Dechant, 1991). If there is a lack of prior knowledge it is the teacher’s role to teach the material and fill in the gaps. Failure in reading comprehension may also result when the language of the author differs from the language of the reader.

When the school’s values are different from the values of the home environment, some difficulties are likely to occur. According to Bountress (1994), the linguistic variations of low
socioeconomic-level African-American children are ungrammatical, illogical, and poor approximations of standard English, and that they are reflective of linguistic impoverishment resulting from genetic and environmental influences. (p. 10-11) Other researchers say that when children do not have the relevant background they do not learn "naturally," the seamless and organic way that teachers have been led to expect (Williams and Woods, 1997).

Even though a child comes from a middle class family he does not escape reading problems. Children need to be immersed in print, conversation, and games to have a better chance for academic and cognitive growth (McPike, 1995).

Some researchers believe that reading comes naturally; however, due to the lack of early organized instruction many students are not reaching their reading potential. According to Honig (1996) an estimated 30% to 40% of students in many high-poverty areas are remaining nonreaders, and significantly more than 50% of students in these areas are not becoming fluent readers of grade appropriate materials. (p. 5) Consequently, they will stumble over many words that will prevent them from attending to meaning, and they will be unable to participate in grade-level instruction and will fall further and further behind during their school careers.

Students who fail to be immersed in extensive in-school and home reading will be limiting their knowledge about the world, the depth of their conceptual understanding, and their vocabulary (Honig, 1996). It is important to have classrooms filled with a
variety of multi-level reading materials. Materials above the student's reading levels should be read to them with follow up discussion (Honig, 1996). "Reading a lot" is one of the most powerful methods of increasing fluency, vocabulary, and comprehension, and becoming educated about the world (Stanovich as cited by Honig, 1996, p. 112).

Prior knowledge and vocabulary knowledge are connected to each other. A person who knows a great deal about a topic generally knows words specific to that topic (Anderson and Freebody as cited by Stahl, Jacobson, Davis, and Davis, 1989, p.30). For example, a student who knows the meanings of livestock, bales, crops, and trough will know the theme discussed will be about a farm. The student who doesn't know these words will not understand the content of the story.

Another problem that compounds vocabulary deficits is the underachievement of many students in today's society. Rimm (1997) defines underachievement as:

Underachievement is a discrepancy between a child's school performance and some index of the child's ability. If children are not working to their ability in school, they are underachieving.

Evidence of underachievement was discussed in the 1996 Carnegie Corporation's recent report, Years of Promise as cited by Rimm (1997). The report states:

Make no mistake about it: underachievement is not a crisis of certain groups: it is not limited to the poor: it is not a problem afflicting other people's
children. Many middle- and upper-income children are also failing behind intellectually. Indeed, by the fourth grade, the performance of most children in the United States is below what it should be for the nation and is certainly below the achievement levels of children in competing countries (p. 18).

By teaching vocabulary, students will improve their reading comprehension and therefore, become more motivated to achieve.
Chapter 3

THE SOLUTION STRATEGY

Literature Review

In *Making Sense*, Chapman (1993) stated the following comparison:

Reading is like apple pie. Few dislike it, but opinions vary about the right ingredients for the crust, whether tart or sweet apples are best for the filling, and how long the pie should bake. Similarly, there are different views about what the ingredients of reading are, what needs to go into it for the best outcome, and how long it should take before the results can be enjoyed. (p. 3)

Some researchers believe the key ingredient of reading is the correlation between vocabulary and comprehension. Klein (1988) states that vocabulary is a crucial component of effective reading comprehension. He continues to suggest that other than early sight word instruction, students need to apply skills in these four areas:

1. Phonics—Children need the skills to decode new words.
2. Structural Analysis- Children need to be able to break down larger words into smaller parts and should recognize root words, prefixes, and suffixes.

3. Contextual Analysis- Children use context clues in a sentence to determine an unknown word.

4. Supplemental Reference- Children must be comfortable using certain tools such as a dictionary and thesaurus to discover the meaning of unknown words.

Teaching direct vocabulary is necessary when words represent concepts crucial for understanding of a text or knowledge of a topic. The meanings of the words and the correlation of those meanings to other words must be correctly understood (Chapman, 1993). To improve comprehension teachers need to specifically help the child understand the meanings of the vocabulary words and relate them to the content of the story (Beck & McKeown, 1988).

There are various ways in which teachers can effectively increase their students' vocabulary. First, immerse students in a lot of reading. Second, teach students how to use context clues to figure out the correct usage and meaning of a word. Third, use direct instruction to teach words that are appropriate for a subject area.

The reason for directly teaching vocabulary words is to make sure that students understand the concept the word stands for, how it relates to other concepts, and how the meaning of the word
changes in different contexts. Simply defining a word and using it correctly in a sentence does not adequately demonstrate understanding (Chapman, 1993).

Most techniques for teaching reading vocabulary can be identified as direct formal instruction (DFI) models. Because these models are consistent and remain the same over a period of time, they will be used in an ongoing manner. Although they may be used in any of the reading phases, they tend to be most beneficial in the prereading phase (Beck & McKeown, 1988). Other techniques and activities can be used to support DFI strategies which reflect creativity and variety. The consistency of these techniques allows the teacher to create a scope and sequence of reading vocabulary and vocabulary instruction throughout the year.

Although reading authorities argue about what the best DFI models are, most see the need for at least some direct instruction in their reading program. Klein (1988) suggests the following as an example of a DFI model used for teaching vocabulary in the prereading phase:

1. **Look at the word and pronounce it.** There are a variety of ways the word can be presented to the students: in the text, on the board, or on an overhead.

2. **Define the word.** Provide a definition that is appropriate for the meaning used in the text.

3. **Dissect the word.** Identify the root word along with its prefix or suffix.
4. **Discuss the word.** This step allows for the greatest flexibility. The teacher must adjust the strategies and activities according to the students’ needs.

5. **Use the word in context.** Instruct the students to use the word appropriately in a sentence.

According to Honig (1996), there are myths concerning whole language. Some of the leaders of the whole language movements have argued against the inclusion of explicit skills development instruction, claiming that explicit instruction is unnecessary and even harmful.

The first myth suggests that children learn to read naturally. Proponents of this theory believe that explicit decoding instruction, controlled vocabulary, and direct instruction are not necessary. Whereas Honig believes that in order for children to achieve their reading potential, early, direct instruction needs to be taught (Honig, 1996).

Conversely, another myth is that organized, explicit phonics programs result in rigid teaching. Some lessons incorporate the use of low level activities that may not be related to the needs of the student. Explicit phonics creates boring and repetitive lessons (Honig, 1996). One example would be worksheets.

The end product for vocabulary development is that students will be able to relate and reuse these words in situations that apply. Teachers need to provide situations that allow for the learned words to be transferred for use in everyday life.
Project Outcomes and Solutions Components

As a result of implementing vocabulary development during the period of September through December 1997, the three targeted classrooms will show an increase in reading comprehension as measured by a reading inventory, pretest and posttest, student journals, and portfolios. In order to accomplish the objective, the following processes are necessary:

1. Parent and student surveys will be distributed and collected.
2. A positive reading atmosphere will be created.
3. The *Qualitative Reading Inventory-II* will be administered in September and December.
4. Weekly reading lessons will be developed.
5. Portfolios will be created.
6. A parent letter will be sent home with each child outlining the action research and its goals (Appendix D).

In order to achieve the end results, the following processes are necessary.

1. Compare pretest and posttest scores to determine growth in vocabulary and reading comprehension (Appendices E, F, and G).
2. Measure students' growth by evaluating portfolios.
3. Keep weekly vocabulary lists in journals.
4. Implement numerous charts, graphs, games, and activities to increase knowledge of vocabulary.
Action Plan for the Intervention

This action plan is presented in a weekly outline format. This allows each teacher participating in the research project flexibility in her classroom. The time frame for this intervention begins September 2, 1997 as week one, and ends December 12, 1997 which is week 15.

Week 1

1. Send home parent reading surveys and action research letter.
2. Orally administer student reading survey.
3. Pass out and explain use of journals.
4. Explain the purpose and process of using portfolios.
5. Administer the QRI-II to each student.

Week 2

1. Pretest
2. Introduce story one.
3. Discuss vocabulary words.
   a. Web the vocabulary words (Appendix H).
   b. Look up definitions in dictionary.
4. Orally read story to students.
5. Use paired or individual reading to find unknown words for journal.
6. Play “Go Fish” with vocabulary words.
7. Students read the story orally.
8. Use a sequence chart (Appendix I).
9. Send home homework.
10. Review vocabulary.

11. Using the sequence chart the students will create their own book to retell the story.

12. Posttest

**Week 3**

Repeat reading activities 1-5 from week 2

6. Play "Concentration" using vocabulary words.

7. Orally read the story as a group.

8. Complete an information chart to discuss story (Appendix J).

9. Send homework home.

10. Show comprehension of story by using the cloze exercise.

11. Posttest

**Week 4**

Repeat reading activities 1-5 from week 2

6. Play "Taboo" with vocabulary words.

7. Read the story as a group orally.

8. Complete a question matrix to discuss the story (Appendix K).

9. Send homework home.

10. Complete an expository writing to show understanding of the story.

11. Posttest

**Week 5**

Repeat reading activities 1-5 from week 2

6. Play "Roll and Define".
7. Students read the story orally.
8. Complete a PMI chart in small groups (Appendix L).
9. Homework will be sent home.
10. Use "What if" questions.
11. Posttest

**Week 6**

Repeat reading activities 1-5 from week 2
6. Play "Baseball"
7. Orally read the story as a group.
8. Use fat and skinny questions (Appendix M).
9. Send homework home.
10. Make a flip book to identify parts of the story.
11. Posttest

**Week 7**

Repeat reading activities 1-5 from week 2
7. Orally read the story as a group.
8. Create a Venn diagram (Appendix N).
9. Send homework home.
10. Make an accordion book to retell the story.
11. Posttest

**Week 8**

Repeat reading activities 1-5 from week 2
6. Play a vocabulary game of students' choice.
7. Orally read the story as a group.
8. Complete the frame (Appendix 0).
9. Send homework home.

10. Use higher order thinking skills.

11. Posttest

Week 9 – Week 15

Repeat weeks 2-8

Week 16

Re-administer student surveys and the QRI-II

All of the targeted classrooms will be excluded from the intervention process for one week because of mandatory state testing.
Chapter 4
PROJECT RESULTS

Historical Description of Intervention

The objective of this intervention was to improve reading comprehension by developing vocabulary knowledge. The implementation of story-related activities, vocabulary games (Appendix P), and graphic organizers were selected to improve reading comprehension.

To enhance the importance of reading, positive sayings were displayed on bulletin boards. In addition to reading the weekly stories, the teacher read novels to the students and the students had additional time to read library books silently.

On Monday, the researchers gave a teacher-created vocabulary pretest to the students. Then researchers decided to introduce the story by connecting to the students’ prior knowledge. Next, the teacher orally read the story to the students so they would become familiar with the text. Finally, the vocabulary words were taught. Each student wrote definitions in a journal.

On Tuesday, the students were reintroduced to the story by reading to an assigned partner. If the partners found words they did not recognize, they recorded them in their journals for later discussion. Next, they played a vocabulary game as a
group. Each week, the students played a variety of games and activities (Appendix P) to familiarize them with the story vocabulary.

On Wednesday, the students reviewed the vocabulary words. Then they read the story to the teacher who facilitated discussion by asking comprehension questions about the story. If time permitted a vocabulary game was played. On Thursday, a weekly graphic organizer was chosen from The Cooperative Think Tank I or The Cooperative Think Tank II (Appendices H-O) to enhance story ideas and concepts. A homework assignment was sent home that related to what was done in class.

Finally on Friday, the students took a posttest to show growth in the areas of vocabulary knowledge and story comprehension. After the tests were corrected, each child was able to see his grade and ask questions regarding his mistakes.

Graphic organizers were used weekly to enhance the comprehension and sequencing of the story read. The teacher facilitated a discussion in which the students completed a sequence chart. Using this chart the students made an accordion book, flip-book, or a student created book. This activity allowed the students to demonstrate their understanding of the story.

The information chart was used to teach students how to ask questions that gather information (Bellanca, 1992). In small groups the students generated six questions pertaining to the story for each "wh" question (who, what, when, where, and why) and the teacher recorded them on the chart. Next, each student
rolled a die for each "wh" question. The number from the die was matched to the question on the chart. Then the teacher changed the questions into statements that were used to develop a cloze exercise.

A question matrix enabled the students to compare and contrast attributes, qualities, or characteristics of people in the story (Bellanca, 1992). The students compared a character from the story to a character from a popular TV show, movie, or another story by answering a series of questions. Then they wrote a short paragraph using the question matrix.

Plus, Minus, and Interesting Questions (PMI) were used to help students evaluate and extend understanding about facts, concepts, thinking processes, and cooperative interactions (Bellanca, 1992). After the students read a story, the teacher put a PMI chart on an overhead projector. The students discussed suggestions for each letter on the PMI chart and responses were recorded. The students formulated "what if" questions from the PMI chart that were answered individually.

Fat and skinny questions were used to teach students the differences between factual questions and complex thought questions (Bellanca, 1992). The teacher put some examples of fat and skinny questions on the overhead and demonstrated the difference between the two. Then the students created their own set of fat and skinny (Appendix M) questions about the story. The questions were shared and answered in cooperative groups.

A Venn diagram helped the students to visualize likenesses and differences in two or more objects, characters, or situations
(Bellanca, 1990). Students used this graphic organizer to compare and contrast characters, stories, or settings.

The frame was another tool that the students used to sequence story events (Bellanca, 1992). Once the frame was completed the teacher asked questions about the story using Higher Order Thinking Skills (HOTS). In cooperative groups the students answered the questions by referring to the frame.

In classrooms A and B the reading groups, which each consisted of five students, were conducted at a small table. The other children were participating in reading at another table with a teacher assistant.

In classroom C the lesson begins with the students in their seats, while the teacher gives instructions for the activity. Then the students divide into cooperative groups to complete the assignment.

Presentation and Analysis of Results

The students responded to six statements that reflected their reading interests. The following graphs illustrate the results of these statements from pre and post student surveys that were completed in August and December.
1. I like to read for fun.

2. I like being read to.
3. I enjoy going to the library.

4. I like reading at school.
5. I like reading at home.

6. I would rather read than watch TV.

Graphs 4-1 through 4-6 illustrate that for some children enjoyment of reading has increased; however, the percentages reveal that reading is not highly regarded by the students.
Graphs 4-1, 4-4, and 4-5 show that overall more than 50% of the students do not enjoy reading; however, graph 4-2 reveals that over 50% of the students enjoyed being read to. Graph 4-3 displays that 85% of the students enjoy going to the library. This percentage may be misleading because the students not only read books in the library but also played games on computers.

The intent of the survey was to reveal students' interest in reading. This survey gave the researchers information which validated the need for the intervention.

The following charts display the results of students' baseline data compared to the post data for the QRI Reading Inventory.

Chart 4-1

<table>
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The results of the QRI, as illustrated in Charts 4-1 and 4-2 clearly indicate an improvement of at least one reading level in the sixteen week intervention period.

In August the results of the students' reading levels ranged from below preprimer to level four. Post intervention results revealed that significant improvements were made. Most students gained a reading level, increasing the range from primer to level five.

The following charts represent the results of weekly pretests, posttests, and vocabulary comprehension sentences. These scores are based on percentages.
# Classroom A

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**Post** - Posttest  
**Comp** - Comprehension  
**Susp.** - Suspended
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**Pre** - Pretest  
**Post** - Post test  
**Comp** - Comprehension  
**M/E** - Medical Exclusion
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Pre - Pretest
Post - Posttest
Comp - Comprehension
The results of the vocabulary pretests and posttests validated the researchers' assumptions that the students' lack of vocabulary knowledge affected their comprehension of the story. The students were given a pretest in which they matched story vocabulary to the correct meaning. The action plan was implemented throughout the week. Then the students took a posttest of the vocabulary words and used those words to create sentences that related to the story. There was a dramatic improvement between the pre and post vocabulary tests and a steady increase in the scores of the vocabulary comprehension sentences throughout the intervention.

Conclusions and Recommendations

The researchers chose this topic for an intervention because previous test scores from norm-referenced tests revealed that there was a deficit in students' reading comprehension. Also, teachers have observed that students have limited prior knowledge and access to real life experiences that connect with the reading material being presented. Researchers administered the QRI Reading Inventory which established a baseline of students' reading comprehension levels. After determining a need for this intervention, the teachers in classrooms A, B, and C began to implement their plan of action.

Within this action plan the researchers felt that certain strategies were essential to maintain student motivation and interest of the students. The students were grouped cooperatively for games and activities which reinforced
vocabulary and comprehension skills. Students were exposed to the text a minimum of three times to enhance knowledge of the story. Graphic organizers and hands-on activities allowed the students to become familiar with the text. Using these strategies the researchers observed that the students began internalizing and understanding the stories.

Overall the action plan was successful; however, it was difficult to complete as scheduled. For example, some stories were longer than others and therefore needed more time. Also, the intervention period was disrupted by two holiday breaks and mandated testing. We were not able to test those weeks.

One area of the intervention that proved difficult for the students was creating comprehension sentences using their vocabulary words. In classroom A the students dictated the sentences to the teacher. At first some students dictated the definitions instead of a sentence. In time, these students were able to express well thought out sentences. In classroom B, the students dictated the sentences to the teacher and progressed into writing their own sentences. This researcher noticed an improvement in students' ability to relate vocabulary words to the story; however, one student who dislikes writing withdrew and wrote definitions instead of sentences even though he knew the meaning of the word. In classroom C, the students wrote comprehension sentences. This researcher observed that in the beginning some students failed to write sentences because they didn't know the definitions of the vocabulary words. Within time
the researcher noticed that the students began writing longer and better developed sentences that related to the story.

As special education teachers in classrooms A and B, one element we would change would be to include the Woodcock Johnson in our baseline data. This test would better define vocabulary knowledge and reading comprehension than the QRI Reading Inventory. For classroom C, a regular division classroom, I would prefer to use the Iowa Test of Basic Skills (ITBS) instead of the QRI Reading Inventory because this would give a better indication of the students' reading ability. I would compare their third grade ITBS scores to their fourth grade scores which are given at the beginning of the school year.

Prior to the intervention, the researchers used tests that were taken from the basal series. The teachers from classrooms A and B felt that these tests did not address students' individual needs. By using teacher created tests, the students' needs were met (Appendix G). Therefore we will continue using teacher created tests.

Our role as teachers has changed because of this intervention. We have shifted from direct instruction to facilitated instruction. This allowed the students to take on a more active role in their learning.

Teachers in classrooms A, B, and C felt that the students have not only gained academically, but socially as well. The students have shown that they can have fun learning by working cooperatively. The activities and strategies set forth in the
action plan kept the students attentive and excited about reading. They enjoyed playing the games and making artifacts.

The researchers were confident that they achieved their goal. Overall the students' reading improved, motivation increased, as did comprehension and vocabulary knowledge.
Reference List


Appendix A

Student Survey

1. I like to read for fun.
   
   agree
   sometimes
   disagree

2. I like being read to.
   
   agree
   sometimes
   disagree

3. I enjoy going to the library.
   
   agree
   sometimes
   disagree

4. I like reading at school.
   
   agree
   sometimes
   disagree
5. I like reading at home.
   
   agree  

   sometimes  

   disagree

6. I would rather read than watch TV.
   
   agree  

   sometimes  

   disagree

7. My goal for this school year is to read ___ books.
Appendix B

Parent Survey

1. It is important to have reading materials available in my home.
   - strongly agree
   - agree
   - disagree
   - strongly disagree

2. My child is excited about reading.
   - strongly agree
   - agree
   - disagree
   - strongly disagree

3. My child chooses to read books by himself/herself.
   - strongly agree
   - agree
   - disagree
   - strongly disagree

4. I have a difficult time getting my child to read a book at home.
   - strongly agree
   - agree
   - disagree
   - strongly disagree

5. I would like to see my child read more.
   - strongly agree
   - agree
   - disagree
   - strongly disagree

6. Please put a check by the reading materials found in your home.
   - newspapers
   - magazines
   - books
   - other
   - none

7. How much time do you spend reading per week with your child?
   - 0-5 minutes
   - 5-30 minutes
   - 30-60 minutes
   - more than 60 minutes
# Appendix C

## Parent Survey (25 surveys)

<table>
<thead>
<tr>
<th>Score</th>
<th>Number</th>
<th>Mean</th>
<th>Median</th>
<th>SD</th>
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<td>2</td>
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<td>4</td>
<td>3</td>
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<td>5</td>
<td>0</td>
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</tbody>
</table>

## Student Survey (25 surveys)

<table>
<thead>
<tr>
<th>Score</th>
<th>Number</th>
<th>Mean</th>
<th>Median</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<tr>
<td>5</td>
<td>4</td>
<td>7</td>
<td>7</td>
<td>0</td>
</tr>
</tbody>
</table>

## Questionnaire

1. What is your degree?
2. What is your major?
3. Are you a first-year student?
4. How many courses are you taking this semester?
5. Do you have a part-time job?
Dear Parents,

This year your child's teacher is enrolled in a master's program to further his/her education. As part of the requirements for the program, a research project needs to be completed. We will be working on vocabulary skills to increase reading comprehension. This study will not get in the way of your child's learning, but will improve it. We are excited to see the improvements the children will be making in reading. The results of the study will not be shared with unauthorized personnel. Your child's name will not be used anywhere in the study. If you agree to allow your child to be a part of our study, please sign the consent below and return it to school as soon as possible. Thank you for allowing us to educate your child.

Mr. Berg
Mrs. Pfanz
Mrs. Cressman

________________________________________
I give my permission for my child to be included in the research conducted by his/her teacher for the school year 1997-98. I understand all information gathered during the study will be completely confidential.

________________________________________
Signature of Parent/Legal Guardian                       Date
Directions: Choose a definition from side two and write the letter next to the word it goes with on side one.

<table>
<thead>
<tr>
<th>Side 1</th>
<th>Side 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. __bait</td>
<td>A. To rest your mind and body</td>
</tr>
<tr>
<td>2. __garage</td>
<td>B. A place to keep a car</td>
</tr>
<tr>
<td>3. __trouble</td>
<td>C. When you are curious whether something will happen or not</td>
</tr>
<tr>
<td>4. __sleep</td>
<td>D. Sweet food that comes from a tree</td>
</tr>
<tr>
<td>5. __never</td>
<td>E. An area in which rooms open into</td>
</tr>
<tr>
<td>6. __fruit</td>
<td>F. What you use to catch something, like an animal</td>
</tr>
<tr>
<td>7. __piece</td>
<td>G. A lot of steps that go from one floor to another</td>
</tr>
<tr>
<td>8. __stairs</td>
<td>H. A small part</td>
</tr>
<tr>
<td>9. __hall</td>
<td>I. Not ever</td>
</tr>
<tr>
<td>10. __wonder</td>
<td>J. When something is hard to do</td>
</tr>
</tbody>
</table>
Name __________________________

**Side 1**

1. ___ always
2. ___ build
3. ___ new
4. ___ read
5. ___ take
6. ___ work
7. ___ carry
8. ___ scare

**Side 2**

A. Not used
B. Effort in doing or making something
C. At all times
D. Frighten
E. To make something by putting materials together
F. Take from one place to another
G. Speak out loud the words of writing or printing
H. To capture or lay hold of
Name __________________

<table>
<thead>
<tr>
<th>Side 1</th>
<th>Side 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ___ dream</td>
<td>a. Fail to remember</td>
</tr>
<tr>
<td>2. ___ parents</td>
<td>b. To make sure something has been done</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3. ___ clean</td>
<td>c. Something thought, felt, or seen during sleep</td>
</tr>
<tr>
<td>4. ___ breakfast</td>
<td>d. Father and mother</td>
</tr>
<tr>
<td>5. ___ forget</td>
<td>e. To do something without making much noise</td>
</tr>
<tr>
<td>6. ___ garbage</td>
<td>f. Free from dirt or filth</td>
</tr>
<tr>
<td>7. ___ quietly</td>
<td>g. Fail to remember</td>
</tr>
<tr>
<td>8. ___ check</td>
<td>h. Scraps of food to be thrown away from a kitchen</td>
</tr>
</tbody>
</table>
Name ____________________

**Matching**

<table>
<thead>
<tr>
<th>Side 1</th>
<th>Side 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ____ dream</td>
<td>a. Fail to remember</td>
</tr>
<tr>
<td>2. ____ parents</td>
<td>b. To do something without making much noise</td>
</tr>
<tr>
<td>3. ____ clean</td>
<td>c. Something thought, felt, or seen during sleep</td>
</tr>
<tr>
<td>4. ____ breakfast</td>
<td>d. Father and mother</td>
</tr>
<tr>
<td>5. ____ forget</td>
<td>e. To make sure something has been done</td>
</tr>
<tr>
<td>6. ____ garbage</td>
<td>f. Free from dirt or filth</td>
</tr>
<tr>
<td>7. ____ quietly</td>
<td>g. Fail to remember</td>
</tr>
<tr>
<td>8. ____ check</td>
<td>h. Scraps of food to be thrown away from a kitchen</td>
</tr>
</tbody>
</table>
Name ____________________________

<table>
<thead>
<tr>
<th>Side 1</th>
<th>Side 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ___ tug of war</td>
<td>a. Lower than</td>
</tr>
<tr>
<td>2. ___ mighty</td>
<td>b. To make fun of</td>
</tr>
<tr>
<td>3. ___ possum</td>
<td>c. A pulling game</td>
</tr>
<tr>
<td>4. ___ problem</td>
<td>d. Showing strength and power</td>
</tr>
<tr>
<td>5. ___ below</td>
<td>e. A small animal that lives in trees and carries its young in a pouch</td>
</tr>
<tr>
<td>6. ___ month</td>
<td>f. To show that something is true</td>
</tr>
<tr>
<td>7. ___ prove</td>
<td>g. Something to be worked out</td>
</tr>
<tr>
<td>8. ___ tease</td>
<td>h. One of the twelve periods of time into which a year is divided</td>
</tr>
<tr>
<td>Side 1</td>
<td>Side 2</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>1. ___ children</td>
<td>a. Come to a place</td>
</tr>
<tr>
<td>2. ___ cheeks</td>
<td>b. Tasting very good</td>
</tr>
<tr>
<td>3. ___ round</td>
<td>c. Young boys and girls</td>
</tr>
<tr>
<td>4. ___ bother</td>
<td>d. Give joy to or make happy</td>
</tr>
<tr>
<td>5. ___ listened</td>
<td>e. Excellent</td>
</tr>
<tr>
<td>6. ___ sobbed</td>
<td>f. Sides of the face below the eyes</td>
</tr>
<tr>
<td>7. ___ cheer</td>
<td>g. To cry loudly</td>
</tr>
<tr>
<td>8. ___ wonderful</td>
<td>h. To cause worry, fuss, or trouble</td>
</tr>
<tr>
<td>9. ___ arrived</td>
<td>i. To hear or pay attention to</td>
</tr>
<tr>
<td>10. ___ delicious</td>
<td>j. Shaped like a ball or circle</td>
</tr>
</tbody>
</table>
1. __ surrounding ____________ a. Tissues in the body that can be tightened and loosened to make the body move.

2. __ snout _______________ b. A part of an animal that is like a pocket

3. __ coral ________________ c. The area around you

4. __ prey _________________ d. Animal that is hunted

5. __ pouch _______________ e. Come out from the egg

6. __ muscles ______________ f. Part on an animal's head that sticks out and contains the nose, mouth, and jaw

7. __ stun _________________ g. The fanlike part of a fish that helps it swim

8. __ surface ______________ h. Colorful animal that looks like a rock and lives in the ocean

9. __ fins _________________ i. Shock

hat, h

67. To come to the top of water
<table>
<thead>
<tr>
<th>Side 1</th>
<th>Side 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ___ apartments</td>
<td>a. Group of three</td>
</tr>
<tr>
<td>2. ___ company</td>
<td>b. Ask someone to come to some place or to do something</td>
</tr>
<tr>
<td>3. ___ hopscotch</td>
<td>c. A group of rooms on one building</td>
</tr>
<tr>
<td>4. ___ bakery</td>
<td>d. An underground electric railroad that runs beneath the streets in a city</td>
</tr>
<tr>
<td>5. ___ squeezes</td>
<td>e. Store where breads, pies, and cake are sold</td>
</tr>
<tr>
<td>6. ___ taxi</td>
<td>f. A children's game in which the players hop over lines drawn on the ground</td>
</tr>
<tr>
<td>7. ___ triplets</td>
<td>g. A wildflower that has white petals around a yellow center</td>
</tr>
<tr>
<td>8. ___ subway</td>
<td>h. To press hard</td>
</tr>
<tr>
<td>9. ___ daisy</td>
<td>i. A car that drives a person to a requested place for a price</td>
</tr>
<tr>
<td>10. ___ invited</td>
<td>j. To stay with or to visit</td>
</tr>
</tbody>
</table>
**Match the words on side one with the words on side two. Write the letter on the line next to the word.**

<table>
<thead>
<tr>
<th>Side one</th>
<th>Side two</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. __ village</td>
<td>A. To die under water because of lack of air</td>
</tr>
<tr>
<td>2. __ villager</td>
<td>B. Very strong or mighty</td>
</tr>
<tr>
<td>3. __ hungry</td>
<td>C. A small river</td>
</tr>
<tr>
<td>4. __ crops</td>
<td>D. Group of houses smaller than a town</td>
</tr>
<tr>
<td>5. __ wept</td>
<td>E. Wanting or needing food</td>
</tr>
<tr>
<td>6. __ happily</td>
<td>F. Person who lives in a village</td>
</tr>
<tr>
<td>7. __ fierce</td>
<td>G. A huge imaginary being</td>
</tr>
<tr>
<td>8. __ giant</td>
<td>H. Plants that are grown for food</td>
</tr>
<tr>
<td>9. __ drown</td>
<td>I. In a joyful way</td>
</tr>
<tr>
<td>10. __ stream</td>
<td>J. Cried or sobbed</td>
</tr>
</tbody>
</table>

**Posttest**

69
Match the words on the left side to the words on the right side. Write the letter on the blank.

1. ____ happily  
   a. in a happy manner
2. ____ crops  
   b. cry
3. ____ stream  
   c. plants grown especially for food
4. ____ drown  
   d. group of houses, usually smaller than a town
5. ____ wept  
   e. cruel; ferocious; wild
6. ____ villagers  
   f. feeling a desire or need for food
7. ____ giant  
   g. flow of water in a channel or a bed
8. ____ fierce  
   h. die under water
9. ____ village  
   i. people who live in a village
10. ____ hungry  
    j. an imaginary being having human form, but larger and more powerful than a person
### Pre test

Match the words on the left side with the words on the right side. Write the letter on the line next to the word.

<table>
<thead>
<tr>
<th>Word</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. magician</td>
<td>a. to increase size</td>
</tr>
<tr>
<td>2. squeak</td>
<td>b. to give out or reflect light</td>
</tr>
<tr>
<td>3. spell</td>
<td>c. short, sharp, shrill sound</td>
</tr>
<tr>
<td>4. hiss</td>
<td>d. still; peaceful</td>
</tr>
<tr>
<td>5. shine</td>
<td>e. not right; incorrect</td>
</tr>
<tr>
<td>6. roar</td>
<td>f. a magical formula</td>
</tr>
<tr>
<td>7. quiet</td>
<td>g. a person who performs magic</td>
</tr>
<tr>
<td>8. wrong</td>
<td>h. to stir up; to bother</td>
</tr>
<tr>
<td>9. trouble</td>
<td>i. to make a loud, confused sound</td>
</tr>
<tr>
<td>10. swell</td>
<td>j. a sound that expresses strong dislike or disapproval</td>
</tr>
</tbody>
</table>
Bringing the Rain to Kapiti Plain

Matching.

1. ___ migrate  
   a. shade made by some person, animal or thing

2. ___ happen  
   b. past tense of stand

3. ___ heavy  
   c. a large, long-legged bird with a long neck and bill

4. ___ plain  
   d. a flat stretch of land; prairie

5. ___ herdsmen  
   e. a grassy field or hillside

6. ___ pasture  
   f. not tamed

7. ___ rain  
   g. water falling in drops from the clouds

8. ___ wild  
   h. move from one place to settle in from another

9. ___ shadow  
   i. come about; take place; occur

10. ___ herd  
    j. a group of animals of one kind moving together

11. ___ stork  
    k. people who take care of a herd

12. ___ change  
    l. of great weight

13. ___ cloud  
    m. make or become different

14. ___ stood  
    n. mass of tiny drops of water or ice particles floating in the air high above the earth
The Cat, the Mouse, and the Magician

Match the words on the left side with the words on the right side. Write the letter on the line next to the word.

1. ___ swell  
   - a. to increase size

2. ___ trouble  
   - b. to give out or reflect light

3. ___ shine  
   - c. short, sharp, shrill sound

4. ___ spell  
   - d. still; peaceful

5. ___ wrong  
   - e. not right; incorrect

6. ___ hiss  
   - f. a magical formula

7. ___ roar  
   - g. a person who performs magic

8. ___ magician  
   - h. to stir up; to bother

9. ___ quiet  
   - i. to make a loud, confused sound

10. ___ squeak  
    - j. a sound that expresses strong dislike or disapproval
Use the vocabulary words to write a sentence about the story.

1. 

2. 

3. 

4. 

5. 

6. 

7. 

8. 

9. 

64
Appendix F
Post test

Name____________________  Date____________________

10.__________________________________________________________________

__________________________________________________________________
Match the word to its definition. Pick a definition from the right side and write the letter next to the word on the left side.

1. _____ fall
2. _____ tips
3. _____ full
4. _____ count
5. _____ four
6. _____ world
7. _____ buy
8. _____ brought
9. _____ savings

<table>
<thead>
<tr>
<th>Word</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>fall</td>
<td>e. drop or come down from a higher place</td>
</tr>
<tr>
<td>tips</td>
<td>b. name numbers in order</td>
</tr>
<tr>
<td>full</td>
<td>c. the earth</td>
</tr>
<tr>
<td>count</td>
<td>d. able to hold no more</td>
</tr>
<tr>
<td>four</td>
<td>f. one more than three</td>
</tr>
<tr>
<td>world</td>
<td>i. purchase</td>
</tr>
<tr>
<td>buy</td>
<td>g. to give a gift of money</td>
</tr>
<tr>
<td>brought</td>
<td>h. to save money</td>
</tr>
</tbody>
</table>

Use the words in the word box to write a complete sentence. Make sure the sentence refers to the story.

1. ____________________________

2. ____________________________
Too Many Tamales

Match the word on the left side to the word on the right side. Write the letter from the definition next to the word it goes with.

1. ___ tamales  a. almost
2. ___ nearly  b. stop for a time
3. ___ interrupt  c. a thing that gives light
4. ___ second  d. a sudden violent shake
5. ___ shock  e. light colored
6. ___ lights  f. next after the first
7. ___ laughing  g. admit
8. ___ confess  h. take into the stomach through the throat
9. ___ swallowed  i. make sounds of the face that show one is happy or amused
10. ___ white  j. a Mexican food made of corn meal and minced meat, and wrapped in corn husks
Match the words on the left side to the words on the right side. Write the letter on the blank.

1. ___ happily
   a. in a happy manner

2. ___ crops
   b. cry

3. ___ stream
   c. plants grown especially for food

4. ___ drown
   d. group of houses, usually smaller than a town

5. ___ wept
   e. cruel; ferocious; wild

6. ___ villagers
   f. feeling a desire or need for food

7. ___ giant
   g. flow of water in a channel or a bed

8. ___ fierce
   h. die under water

9. ___ village
   i. people who live in a village

10. ___ hungry
    j. an imaginary being having human form, but larger and more powerful than a person
### The Wind, the Rain, and the Sparrow

**Matching.**

1. feathers
2. suddenly
3. chief
4. cave
5. thirsty
6. well
7. crops
8. tent
9. sparrow
10. camp

<table>
<thead>
<tr>
<th></th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>a hole dug in the ground for water</td>
</tr>
<tr>
<td>2</td>
<td>b. happening without warning or notice; not expected</td>
</tr>
<tr>
<td>3</td>
<td>c. a small hawk which feeds on birds</td>
</tr>
<tr>
<td>4</td>
<td>d. a moveable shelter made of cloth</td>
</tr>
<tr>
<td>5</td>
<td>e. a light, thin growth that covers a bird's skin</td>
</tr>
<tr>
<td>6</td>
<td>f. plants grown by people for food</td>
</tr>
<tr>
<td>7</td>
<td>g. head of a group</td>
</tr>
<tr>
<td>8</td>
<td>h. a group of tents or shelters where people live for a time</td>
</tr>
<tr>
<td>9</td>
<td>i. a hollow space underground</td>
</tr>
<tr>
<td>10</td>
<td>j. feeling thirsty</td>
</tr>
</tbody>
</table>
A Chair for My Mother

Post test

___ tips
  a. filled to capacity

___ count
  b. to number

___ savings
  c. one more than three

___ brought
  d. to give a gift of money

___ buy
  e. to drop

___ fall
  f. the earth and its inhabitants

___ four
  g. bring

___ full
  h. earnings put back for the future

___ world
  i. to purchase
Match the definition to the word. Read all of the words and the definitions. Then write the letter on the right side next to the word it matches on the left side.

1. ____ shoulder
2. ____ lean
3. ____ recognize
4. ____ scared
5. ____ carried
6. ____ mean
7. ____ picture
8. ____ warm
9. ____ word
10. ____ year

a. 12 months or 365 days
b. take from one place to another
c. a drawing, painting, portrait, or photograph
d. part of the body to which an arm is attached
e. to make or become afraid
f. have as a purpose
g. a sound or group of sounds that has meaning
h. more hot than cold
i. know again, identify
j. rest on
Match the words to the definitions. Write the letter from the right side to the correct definition on the left side.

1. ____ mushroom
2. ____ pot
3. ____ breakfast
4. ____ woman
5. ____ woods
6. ____ full
7. ____ path
8. ____ downstairs
9. ____ field
10. ____ porridge

a. on to the lower floor
b. able to hold no more
c. way made by people walking
d. a kind of dish
e. land with few or no trees
f. the first meal of the day
g. an adult female person
h. a large number of growing trees
i. food made of oatmeal or other cereal boiled in water or milk until it thickens
j. a small fungus, shaped like an umbrella, that grows very fast
Too Many Tamales

Match the word on the left side to the word on the right side. Write the letter from the definition next to the word it goes with.

1. _____ shock  a. almost
   b. take into the stomach through the throat
   c. a thing that gives light
   d. a sudden violent shake
   e. a Mexican food made of corn meal and minced meat, and wrapped in corn husks'
   f. stop for a time
   g. light colored
   h. next after the first
   i. make sounds of the face that show one is happy or amused
   j. admit

2. _____ white
3. _____ second
4. _____ swallowed
5. _____ interrupt
6. _____ confess
7. _____ nearly
8. _____ laughing
9. _____ tamales
10. _____ lights
Appendix F
Post test
Name
Date

What Happened to Patrick’s Dinosaur?

Matching.

1. _____ guess
   a. many times
2. _____ leave
   b. after the usual time
3. _____ cold
   c. go away
4. _____ often
   d. not interested
5. _____ bored
   e. less warm than usual
6. _____ invented
   f. form an opinion of something without really knowing it
7. _____ later
   g. to make something that has never been made before
Matching.

1. ____ also  
   a. the ability to learn and think

2. ____ seven  
   b. ten minus two

3. ____ between  
   c. take in

4. ____ prey  
   d. animal hunted for food

5. ____ eight  
   e. and; two

6. ____ clever  
   f. four plus three

7. ____ draw  
   g. in the middle of

8. ____ den  
   h. mouth part of an animal

9. ____ intelligence  
   i. place where an animal lives

10. ____ beak  
    j. smart

An Octopus Is Amazing
Appendix F
Post test

Two of Everything

Matching.

1. ____ identical
2. ____ double
3. ____ exactly
4. ____ enough
5. ____ excited
6. ____ person
7. ____ poor
8. ____ pull
9. ____ quickly
10. ____ humble
11. ____ ancient
12. ____ twice
13. ____ stumble
14. ____ peer

a. move by grasping it and pulling it towards oneself
b. look closely to see clearly
c. human being
d. having little or no money
e. rapidly; with haste
f. trip by striking the foot against something
g. two times
h. twice as much
i. as much as needed or wanted
j. accurately; precisely
k. stirred up; aroused
l. the same
m. of times long past
n. not proud; modest
The Legend of the Indian Paintbrush

Matching.

1. ___ decorate   a. on fire
2. ___ satisfied   b. gather together
3. ___ ablaze       c. make beautiful
4. ___ different   d. thing done; act; action
5. ___ slowly      e. not alike
6. ___ gift        f. gone by; past
7. ___ shall       g. the planet on which we live
8. ___ earth       h. present
9. ___ collect     i. pleased or contented
10. ___ those      j. taking a long time
11. ___ deeds      k. used to point out several persons or things
12. ___ tools      l. an instrument used in doing work
13. ___ ago        m. used to express future time, command, obligation, and necessity
Jack and the Beanstalk

Matching

1. ___ rough
2. ___ widow
3. ___ greedily
4. ___ clambered
5. ___ naughty
6. ___ bellowed
7. ___ amazed
8. ___ growled
9. ___ twisty
10. ___ tremble
11. ___ beanstalk

a. bad; not obedient
b. shake because of fear, weakness, or cold
c. turn with a winding motion
d. women whose husband is dead
e. surprise greatly
f. stem of a bean plant
g. make a loud deep noise
h. climb with difficulty; scramble
i. wanting to get more than one’s share
j. make a deep low angry sound
k. not smooth; not level; not even
The Wind, the Rain, and the Sparrow

Matching.

1. feathers  a. hole dug in the ground for water
2. suddenly  b. happening without warning or notice; not expected
3. chief  c. a small hawk which feeds on birds
4. cave  d. a moveable shelter made of cloth
5. thirsty  e. a light, thin growth that covers a bird's skin
6. well  f. plants grown by people for food
7. crops  g. head of a group
8. tent  h. a group of tents or shelters where people live for a time
9. sparrow  i. a hollow space underground
10. camp  j. feeling thirsty
Now One Foot, Now the Other

Match the definition to the word. Read all of the words and the definitions. Then write the letter on the right side next to the word it matches on the left side.

1. _____ scared
   a. 12 months or 365 days
2. _____ word
   b. take from one place to another
3. _____ mean
   c. a drawing, painting, portrait, or photograph
4. _____ year
   d. part of the body to which an arm is attached
5. _____ recognize
   e. to make or become afraid
6. _____ warm
   f. have as a purpose
7. _____ shoulder
   g. a sound or group of sounds that has meaning
8. _____ picture
   h. more hot than cold
9. _____ carried
   i. know again, identify
10. _____ lean
    j. rest on
Match the words to the definitions. Write the letter from the right side to the correct definition on the left side.

1. ___ field  
   a. on to the lower floor

2. ___ pot  
   b. able to hold no more

3. ___ breakfast  
   c. way made by people walking

4. ___ path  
   d. a kind of dish

5. ___ full  
   e. land with few or no trees

6. ___ porridge  
   f. the first meal of the day

7. ___ woods  
   g. an adult female person

8. ___ downstairs  
   h. a large number of growing trees

9. ___ woman  
   i. food made of oatmeal or other cereal boiled in water or milk until it thickens

10. ___ mushroom  
    j. a small fungus, shaped like an umbrella, that grows very fast
What Happened to Patrick's Dinosaur?

Matching.

1. _____ invented
   a. many times

2. _____ cold
   b. after the usual time

3. _____ guess
   c. go away

4. _____ later
   d. not interested

5. _____ leave
   e. less warm than usual

6. _____ often
   f. form an opinion of something without really knowing it

7. _____ bored
   g. to make something that has never been made before
An Octopus Is Amazing

Matching.

1. ___ beak  a. the ability to learn and think
2. ___ prey  b. ten minus two
3. ___ den  c. take in
4. ___ intelligence  d. animal hunted for food
5. ___ clever  e. and; two
6. ___ also  f. four plus three
7. ___ between  g. in the middle of
8. ___ draw  h. mouth part of an animal
9. ___ eight  i. place where an animal lives
10. ___ seven  j. smart
Appendix F
Post test
Name __________________ Date __________________

Jack and the Beanstalk

Matching

1. ___ widow
   a. bad; not obedient
   b. shake because of fear, weakness, or cold
   c. turn with a winding motion
   d. women whose husband is dead
   e. surprise greatly
   f. stem of a bean plant
   g. make a loud deep noise
   h. climb with difficulty; scramble
   i. wanting to get more than one’s share
   j. make a deep low angry sound
   k. not smooth; not level; not even

2. ___ twisty

3. ___ beanstalk

4. ___ rough

5. ___ tremble

6. ___ greedily

7. ___ amazed

8. ___ growled

9. ___ naughty

10 ___ clambered

11. ___ bellowed
## Matching.

1. _____ wild  
   a. shade made by some person, animal or thing

2. _____ cloud  
   b. past tense of stand

3. _____ heavy  
   c. a large, long-legged bird with a long neck and bill

4. _____ plain  
   d. a flat stretch of land; prairie

5. _____ herdsmen  
   e. a grassy field or hillside

6. _____ pasture  
   f. not tamed

7. _____ migrate  
   g. water falling in drops from the clouds

8. _____ herd  
   h. move from one place to settle in from another

9. _____ change  
   i. come about; take place; occur

10. _____ stork  
    j. a group of animals of one kind moving together

11. _____ shadow  
    k. people who take care of a herd

12. _____ happen  
    l. of great weight

13. _____ rain  
    m. make or become different

14. _____ stood  
    n. mass of tiny drops of water or ice particles floating in the air high above the earth
Two of Everything

Matching.

1. ___ poor
2. ___ humble
3. ___ quickly
4. ___ stumble
5. ___ double
6. ___ person
7. ___ excited
8. ___ ancient
9. ___ enough
10. ___ exactly
11. ___ peer
12. ___ pull
13. ___ identical
14. ___ twice

a. move by grasping it and pulling it towards oneself
b. look closely to see clearly
c. human being
d. having little or no money
e. rapidly; with haste
f. trip by striking the foot against something
g. two times
h. twice as much
i. as much as needed or wanted
j. accurately; precisely
k. stirred up; aroused
l. the same
m. of times long past
n. not proud; modest
The Legend of the Indian Paintbrush

Matching.

1. ___ gift
2. ___ decorate
3. ___ satisfied
4. ___ tools
5. ___ ago
6. ___ different
7. ___ shall
8. ___ earth
9. ___ slowly
10. ___ those
11. ___ deeds
12. ___ collect
13. ___ collect
14. ___ ablaze

a. on fire
b. gather together
c. make beautiful
d. thing done; act; action
e. not alike
f. gone by; past
g. the planet on which we live
h. present
i. pleased or contented
j. taking a long time
k. used to point out several persons or things
l. an instrument used in doing work
m. used to express future time, command, obligation, and necessity
Appendix G

Vocabulary Pretest

"The Mad Puppet"

Instructor:

Name: ___________________________

Class: _________________________

Hour: __________________________

Date: ___________________________

Directions: Find the vocabulary word which matches each definition. Write the correct letter on the line provided.

1. _____ A person or thing that controls  
   a. puppet

2. _____ A company  
   b. functional

3. _____ Wiring through which electricity runs  
   c. static

4. _____ In working order  
   d. circuits

5. _____ Wheels with teeth that fit together  
   e. gears

6. _____ Electric charges that cause crackling sounds  
   f. controller

7. _____ A figure moved by strings or hands  
   g. firm
Appendix G
Vocabulary Pre-test

“Daniel Manus Pinkwater”

Instructor:
Name: ___________________________ Class: ___________________________
Hour: ___________________________ Date: ___________________________

Directions: Find the vocabulary word which matches each definition. Write the correct letter on the line provided.

1. _____ not joking or foolish a. rewarding
2. _____ fearless: bold b. advice
3. _____ a suggestion about what to do c. daring
4. _____ having special knowledge and experience d. serious
5. _____ giving a good feeling e. expert
6. _____ a thing chosen f. selection
Appendix G
PRE-TEST "Laughing Gas"

Instructor: ____________________________
Name: ________________________________
Class: ________________________________
Period: ______________________________
Date: __________________________________

Match the letter of the definition to each space next to the word it defines.

1. _____ apologize
   a. without dignity; improper

2. _____ awkward
   b. insulted

3. _____ contentedly
   c. a sad happening

4. _____ evidently
   d. tending to spread to others

5. _____ infectious
   e. to say that one is sorry

6. _____ offended
   f. easily seen or understood

7. _____ tragedy
   g. happily

8. _____ undignified
   h. uncomfortable; difficult
Appendix G
PRE-TEST "Special Effects in the Movies"

Instructor: _____________________________
Name: _____________________________
Class: _____________________________
Period: _____________________________
Date: _____________________________

Match the letter of the definition to each space next to the word it defines.

1. _____ film
   a. created
2. _____ effects
   b. two or more things joined
3. _____ developed
   c. coiled again
4. _____ combination
   d. causes an image to be seen on a surface
5. _____ rewound
   e. impressions made on the mind
6. _____ invented
   f. treating film with chemicals to make a picture appear
7. _____ projects
   g. an image shown on a surface such as a screen
8. _____ projection
   h. material used for taking photographs
Appendix G

PRE-TEST "Tucker's Life Savings"

Instructor: __________________________

Name: __________________________

Class: __________________________

Period: __________________________

Date: __________________________

Match the letter of the definition to each space next to the word it defines.

1. _____ emotion
   a. made up in one's mind

2. _____ entertained
   b. proof

3. _____ evidence
   c. a machine for counting and keeping records

4. _____ newsstand
   d. a strong feeling

5. _____ punishment
   e. amused

6. _____ register
   f. what is done to people to make them pay for wrongdoing

7. _____ resolved
   g. a stand where newspapers and magazines are sold
Match the letter of the definition to each space next to the word it defines.

1. ______ perish
   a. puzzles in the form of questions
2. ______ prey
   b. the act of watching or guarding
3. ______ riddles
   c. an animal hunted for food
4. ______ scarce
   d. giving trouble
5. ______ starvation
   e. rare; uncommon
6. ______ troublesome
   f. an animal related to the weasel
7. ______ vigil
   g. to die
8. ______ wolverine
   h. suffering from lack of food
Appendix G

PRE-TEST "PETRANELLA"

Instructor: __________________________ Name: __________________________
Class: ____________________________ Period: ____________________________
Date: _____________________________

Match the letter of the definition to each space next to the word it defines.

1. ______ journey  a. a small village
2. ______ nuisance  b. possessions
3. ______ settlement  c. a piece of land given to a settler to farm
4. ______ belongings  d. the country where one is born
5. ______ homeland  e. a person or thing that causes trouble
6. ______ homestead  f. a trip
Appendix G

PRE-TEST "The Parakeet Named Dreidel"

Instructor: __________________________
Name: ____________________________
Class: ____________________________
Period: ____________________________
Date: ____________________________

Match the letter of the definition to each space next to the word it defines.

1. ____ resolved        a. decided
2. ____ native          b. born in a certain country
3. ____ festival        c. an area that has particular weather conditions
4. ____ original        d. calm; peaceful
5. ____ parakeet        e. a small parrot
6. ____ climate         f. a special celebration
7. ____ composed        g. first
Appendix G

PRE-TEST "Two Big Bears"

Instructor: __________________________
Name: ___________________________
Class: ___________________________
Period: __________________________
Date: ___________________________

Match the letter of the definition to each space next to the word it defines.

1. _____ afford       a. grabbed
2. _____ bargain       b. shook slightly; trembled
3. _____ chores       c. tasks; work
4. _____ eagerly       d. to try to get the best price
5. _____ quivered       e. shaking
6. _____ snatched       f. the part of a tree left after the tree has been cut down
7. _____ stump       g. to have enough money to pay for
8. _____ trembling       h. with enthusiasm
Appendix G

Pre-test "Arthur's Thanksgiving Emergency"

Match each definition to its correct meaning by putting the letter of the definition next to the word that defines it.

| 1. ___ bargain               | a. a situation needing immediate attention |
| 2. ___ desperate             | b. something gotten cheaply                |
| 3. ___ emergency             | c. fowl raised for food                   |
| 4. ___ ordinary              | d. not thankful                           |
| 5. ___ poultry               | e. money returned                         |
| 6. ___ refunds               | f. reckless because one has lost hope     |
| 7. ___ reserved              | g. set aside for later use                |
| 8. ___ ungrateful            | h. usual; regular                         |
Pre-test "I'm in Charge of Celebrations"

Match each letter to the correct definition of the word.

1. ___ lonely  
   a. to honor the memory of
2. ___ celebrate  
   b. in an exact way
3. ___ wandering  
   c. roaming; traveling aimlessly
4. ___ admiring  
   d. feeling unhappy
5. ___ exactly  
   e. looking at with wonder
6. ___ celebrations  
   f. events that honor people
Match the letter of the definition to each space next to the word it defines.

1. _____ amuse
2. _____ overlap
3. _____ rib
4. _____ patience
5. _____ reflection
6. _____ create

- a. a large vein in a leaf
- b. the ability to wait calmly without giving up
- c. to make something new or original
- d. to cover a part of something
- e. to entertain with humor
- f. an image; as in a mirror
Vocabulary Post-test

"The Mad Puppet"

Instructor:

Name: ____________________________  Class: ____________________________
Hour: ____________________________  Date: ____________________________

Directions: Find the vocabulary word which matches each definition. Write the correct letter on the line provided.

1. _____ A person or thing that controls
   a. firm
2. _____ A company
   b. controller
3. _____ Wiring through which electricity runs
   c. gears
4. _____ In working order
   d. circuits
5. _____ Wheels with teeth that fit together
   e. static
6. _____ Electric charges that cause crackling sounds
   f. functional
7. _____ A figure moved by strings or hands
   e. puppet

Write T if the sentence is true or F if the sentence is false.

1. _____ Toby was a puppet in the school concert.
2. _____ Alistair is Toby's younger brother.
3. _____ Alistair was jealous of Toby.
4. _____ Toby had a good imagination.
5. _____ Alistair was scared when Toby acted like a clown.

Use three of the following vocabulary words to make your own sentences that relate to the story. firm functional static circuits gears puppet controller

1. ____________________________
2. ____________________________
3. ____________________________
POST TEST 'Daniel Manus Pinkwater'

Instructor: ____________________________
Name: ________________________________
Class: ________________________________
Period: ________________________________
Date: _________________________________

Put the letter of the correct definition next to the word it defines on the blank provided.

1. __ serious
a. fearless; bold
2. __ expert
b. a thing chosen
3. __ advice
c. giving a good feeling
d. a suggestion on what to do
e. having special knowledge and experience
f. not joking or foolish
4. __ selection
5. __ daring
6. __ rewarding

Put a T for true or a F for false.

1. __ Daniel Pinkwater writes books for children.
2. __ Daniel Pinkwater has two Icelandic horses.
3. __ Daniel likes to get letters from his readers.
4. __ Daniel goes to Wal-Mart to get ideas for his books.
5. __ Daniel tells young writers to write about something they enjoy.
Use all six vocabulary words and write your own sentences that relate the word to the meaning it has in the story.

1. serious
2. expert advice
3. selection
4. daring
5. rewarding

HAVE A NICE WEEKEND!
Appendix G

POST-TEST "Laughing Gas"

Instructor: _____________________________
Name: ________________________________
Class: ________________________________
Period: ______________________________
Date: _________________________________

Match the letter of the definition to each space next to the word it defines.

1. _____ infectious  a. without dignity; improper
2. _____ tragedy  b. insulted
3. _____ offended  c. a sad happening
4. _____ evidently  d. tending to spread to others
5. _____ apologize  e. to say that one is sorry
6. _____ contentedly  f. easily seen or understood
7. _____ awkward  g. happily
8. _____ undignified  h. uncomfortable; difficult

Write a T if the statement is true or a F if the statement is false.

1. ___ Mr. Wigg and Mary Poppins were related to each other.
2. ___ Mr. Wigg floated in the air when his birthday was on a Thursday.
3. ___ Mary Poppins was the first one to float up in the air.
4. ___ Mary Poppins was watching three children that day.
5. ___ Mrs. Persimmon was a very serious person.
Use the following eight vocabulary words to make your own sentences that relate to the story.

apologize awkward contentedly evidently infectious offended tragedy undignified

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 

Multiple choice, page 2
POST-TEST "Special Effects in the Movies"

Instructor: 
Name: __________________________
Class: __________________________
Period: __________________________
Date: ____________________________

Match the letter of the definition to each space next to the word it defines.

1. ___ invented
   a. created
2. ___ projects
   b. two or more things joined
3. ___ projection
   c. coiled again
4. ___ film
   d. causes an image to be seen on a surface
5. ___ effects
   e. impressions made on the mind
6. ___ developed
   f. treating film with chemicals to make a picture appear
7. ___ combination
   g. an image shown on a surface such as a screen
8. ___ rewound
   h. material used for taking photographs

Write T if the sentence is true or F if the sentence is false.

1. ___ Special effects was invented by accident.
2. ___ One technique used to make special effects is using a green screen.
3. ___ The projection technique was used in the movie "Mary Poppins."
4. ___ The optical printer is not used to make special effects.
5. ___ Special effects in the movies make the movie seem more realistic and fun.
Use the following vocabulary words in a sentence that relates to the story.

film effects developed combination invented projection projects rewound

1. ________________________________
2. ________________________________
3. ________________________________
4. ________________________________
5. ________________________________
6. ________________________________
7. ________________________________
8. ________________________________
### POST-TEST “Tucker's Life Savings”

| Instructor: | Name: ____________________________ |
| Class: | ____________________________ |
| Period: | ____________________________ |
| Date: | ____________________________ |

**Match the letter of the definition to each space next to the word it defines.**

1. __punishment__  
   a. made up in one's mind  
2. __register__  
   b. proof  
3. __evidence__  
   c. a machine for counting and keeping records  
4. __newsstand__  
   d. a strong feeling  
5. __emotion__  
   e. amused  
6. __entertained__  
   f. what is done to people to make them pay for wrongdoing  
7. __resolved__  
   g. a stand where newspapers and magazines are sold

**Answer the following statements by putting a T if the statement is true or F if the statement is false.**

1. ___ Chester had eaten part of a five dollar bill when he was having a dream.  
2. ___ Mario was the cat that was Tucker’s friend.  
3. ___ Harry told Tucker to give up his life savings to help Chester.  
4. ___ Tucker had all his life savings in change and no bills.  
5. ___ Mario didn’t have to pay the money back to Mama Belini.
Appendix G

Use the following vocabulary words each in a sentence that relates to the story.

emotion entertained evidence newsstand punishment register resolved

1. 

2. 

3. 

4. 

5. 

6. 

7. 

Appendix G

Post-test "The Day Nothing Happened"

Match the letter of the definition to each space next to the word it defines.

1. ___ vigil  
   a. puzzles in the form of questions
2. ___ scarce  
   b. the act of watching or guarding
3. ___ starvation  
   c. an animal hunted for food
4. ___ prey  
   d. giving trouble
5. ___ perish  
   e. rare; uncommon
6. ___ troublesome  
   f. an animal related to the weasel
7. ___ wolverine  
   g. to die
8. ___ riddles  
   h. suffering from lack of food

Answer the following statements true or false.

1. ___ Nanuk and Nadeen were brother and sister and lived in the artic.
2. ___ There are no animals that live in the artic because its too cold.
3. ___ Nanuk and Nadeen thought that nothing happened on their walk.
4. ___ There was a fierce fight between an artic fox and a badger.
5. ___ The artic fox could have won the fight if his paw wasn't hurt.
Use a vocabulary word to make your own sentence that relates to the story.

vigil scarce starvation prey perish troublesome wolverine riddles

1. ____________________________
2. ____________________________
3. ____________________________
4. ____________________________
5. ____________________________
6. ____________________________
7. ____________________________
8. ____________________________
Appendix G

Post-test "Petranella"

Name____________________

Match the letter of the definition to each space next to the word it defines.

1. ___ journey 
   a. a small village
2. ___ nuisance 
   b. possessions
3. ___ settlement 
   c. a piece of land given to a settler
4. ___ belongings 
   d. the country where is born
5. ___ homeland 
   e. a person or thing that causes trouble
6. ___ homestead 
   f. a trip

Write T if the sentence is true or F if the sentence is false.

1. ___ Petranella lived with her mother and grandmother.
2. ___ The grandmother in the story did not go on the journey with the family.
3. ___ Petranella dropped some seeds on their trip.
4. ___ The man they met on their trip was a mean and angry man.
5. ___ When Petranella went back where she dropped the seeds there were flowers now.
Use the following vocabulary words in a sentence that relates to the story.

homestead homeland journey settlement nuisance belongings

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 

REACH YOUR GOALS!
Match the letter of the definition to each space next to the word it defines.

1. ___ resolved  
   a. decided  

2. ___ native  
   b. born in a certain country  

3. ___ festival  
   c. an area that has particular weather  

4. ___ original  
   d. calm; peaceful  

5. ___ parakeet  
   e. a small parrot  

6. ___ climate  
   f. a special celebration  

7. ___ composed  
   g. first

Tell whether each statement is true or false.

1. ___ A parakeet flew in the door at the beginning of the story.  

2. ___ A dreidel is a kind of food in the Jewish religion.  

3. ___ They found the original owner of the parakeet.  

4. ___ The couple at the end of the story got married.  

5. ___ A menorah is a group of eight candles.
Use the following vocabulary words to make a sentence that relates to the story.

resolved native festival original parakeet climate composed

1. 

2. 

3. 

4. 

5. 

6. 

7. 

HAPPY HALLOWEEN!
THE SEQUENCE CHART

Problem:
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FAT AND SKINNY QUESTIONS

Topic: ____________________________

FAT? ____________________________

SKINNY? ____________________________

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Appendix P

To hook the students interest of the vocabulary words, the following fun and creative games were played:

1. Go-fish: The vocabulary words and definitions were written on cards. These cards were distributed equally to the players and the remaining cards were placed in a pile. A player asks another player if he/she has the definition/word to match the card in his/her hand. The player with the most matching pairs wins.

2. Concentration Game: The vocabulary words and definitions were written on cards. The cards are all lined up face down on the table. A player turns over two cards and orally reads each card. If they match, the player keeps the cards and picks again. When all the cards have been chosen, the player with the most pairs wins.

3. Taboo: The players are divided into two teams. One player from a team is given a vocabulary word. He/she is allowed fifteen seconds to describe the word verbally or with gestures. If his/her teammates guess the word, that team gets a point; however, if his/her teammates do not guess the word, the other team can guess and receive the point. After all the words are described the team with the most points wins.

4. Roll and define: The vocabulary words and definitions are written on cards. A game board is chosen. Each player chooses a different colored marker. Then, a player chooses a card. If its the word, he/she must read the word
correctly. If, its the definition, he/she must state the correct word. If a correct response is given, the player can roll the dice and move his/her marker that many spaces. If an incorrect answer is given, the turn is missed. The first player to the finish wins.

5. Baseball: The vocabulary words and definitions are written on cards. Divide the players into two teams. Each team chooses a colored marker. A playing field is drawn on the chalkboard, overhead, paper, etc.. One team is up to bat, while the other team is in the outfield. A player from the team up to bat, picks a card from the pile. If its a word, the team decides on the definition. The outfielders must decide if the answer is correct or incorrect. If the player read the word correctly, he/she got one base. If, the player read the word correctly and stated the definition correctly, he/she the team gets two bases. Three mistakes/strikes and the team is out. Then the teams switch places. The teacher keeps score on the board.

6. Puzzle: The teacher cuts construction paper into rectangles that are then cut into two pieces. Then the students write the word on one half and the definition on the other half. The student mixes all the pieces up and tries to put them back together.
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