# Curriculum Plan

Creating Effective
Readers, Writers, and Mathematicians
in a
Student-Centered and Inquiry-based
Third Grade Classroom.

by Caryn L. Camp

June, 2001

#### **Curriculum Plan Template**

#### Title

Creating Effective Readers, Writers, and Mathematicians in a Student-Centered and Inquiry-based Third Grade Classroom

#### **Author**

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#### **Curriculum Framework**

This Curriculum Plan is based on the following frameworks:

## Backward Design approach to Curriculum Planning (based on Essential Questions):

- 1. Identify Desired Results GOAL
- 2. Determine Acceptable Evidence ASSESSMENT
- 3. Plan Learning Experiences and Instruction (how students will achieve desired result) ACTIVITIES

**Elements of a Balanced Literacy Program**:

	READING	WRITING
MODELED	Read-aloud (listening) Level of reading more difficult than independent reading level of students	i.e. Morning Message
SHARED	Choral Reading  Teacher reading-aloud while thinking-aloud about the strategies being used.	i.e. Language Experience Approach; Interactive Writing; Teacher writing with the overhead projector, and thinking- aloud about strategies used.
GUIDED	Small literature groups – instructional reading level	Writers' Workshop
INDEPENDENT	SSR or DEAR – independent reading level	Journal Writing, Fast- writes

#### **Components of a Mini-lesson** (for teaching a skill or strategy)

- 1. Introduce (strategy or skill)
- 2. Demonstrate (strategy or skill) modeling
- 3. Practice (strategy or skill)
- 4. Review (strategy or skill)
- 5. Apply (strategy or skill) in literature group or thematic unit

## Framework for Reading Comprehension Goals (5 subprocesses) (Thompkins, 2001)

- 1. Microprocesses
- 2. Integrative Processes
- 3. Macroprocesses
- 4. Elaborative Processes
- 5. Metacognitive Processes

Frameworks	for	Word	Study	Goals	<b>3</b> :
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Spelling/Decoding (Pinnell & Fountas, 1998)	Vocabulary-building (Thompkins, 2001).
Features of Print	<ul> <li>Strategies for predicting the meaning of unknown words</li> </ul>
High-Frequency Words	Six types of context clues
Letter-sound relationships	Development of Full Word
Word Patterns	Knowledge
Word-Solving Strategies	<ul> <li>Application of vocabulary words in real life (across content areas)</li> </ul>
<ul> <li>Skill in using references, resources, and proofreading</li> </ul>	

#### Frameworks for WRITERS' WORKSHOP

The Writing Process	The Six Traits of Writing Assessment
1. Plan (pre-write)	Ideas and Content
Fast-write (rough draft)	2. Organization
3. Revise	3. Voice
4. Edit	4. Word Choice
5. Recopy	5. Sentence Fluency
6. Publish	6. Conventions
7. Reflection/New Ideas & Insights	

#### Written Summary of Plan

This plan is based on the Essential Question: What type of curriculum and learning environment will create effective readers, writers, and mathematicians (problem-solvers) in a student-centered and Inquiry-based third grade classroom? Thus, the desired outcome, or goal, is essentially twofold. First, the classroom will be student-centered and Inquiry-based. Acceptable evidence of this includes behavior that demonstrates ownership, responsibility, accountability, and values of respect, work ethic, and teamwork. In addition, students will create independent and/or collaborative projects based on their choice of inquiry. Second, the students will become effective readers, writers, and mathematicians. Acceptable evidence of this includes demonstrating a repertoire of skills and strategies for use in reading comprehension, decoding and spelling of words, increasing vocabulary, the writing process, and problem-solving. This plan describes the learning environment, experiences, and instruction that will promote the desired outcome of having effective readers, writers, and mathematicians in a student-centered and Inquiry-based third grade classroom.

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SAI	MPLE CURRICULUM MAP (YEAR-AT-A-GLANCE)	Α		
envi	<b>SENTIAL QUESTION:</b> What type of curriculum and learning ronment will create effective readers, writers, and mathematicians student-centered and Inquiry-based Third Grade classroom?	В		
SNOIL	LEARNING ENVIRONMENT In a student-centered third-grade classroom, how can the environment foster ownership, self-confidence, responsibility, and values, as well as engagement in Inquiry Learning?	С		
SUBQUESTIONS	READING COMPREHENSION What activities will allow a third grader to experience the different types of the comprehension process?	D		
for	WORD STUDY What activities will allow a third grader to gain competency in decoding/spelling and vocabulary skills?	E		
L QUESTIONS"	WRITING PROCESS In a third grade classroom, how can Writers' Workshop be used to improve 1) sense of ownership and inquiry, 2) quality of the Six Traits of Writing and 3) skills of reflection and collaboration?	F		
"ESSENTIAL	MATHEMATICS: PROBLEM SOLVING & INDEPENDENT PROJECTS In a third grade classroom, how can daily MVP (Most Valuable Problems) and Independent Projects help students become effective mathematicians and problem-solvers?	G		
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#### Introduction

This curriculum plan is based on the following principles:

- Inquiry-based Learning (also Reading and Writing across the Content Areas)
- Balanced Literacy
- Readers' Workshop (Centers)
- Small instructional reading groups: Guided Reading, Literature Circles, and/or Grand Conversations
- Skills and Strategies for Reading Comprehension, Word Study, Writing, and Problem-Solving are modeled, practiced, and applied every day
- Writers' Workshop
- Mathematicians' Workshop
- Flexible Groupings: Individual, Paired, Small Group, Cooperative Groups, Whole Class
- Student Ownership in goal-setting, activities, assessment, and reflection
- Knitting & Form Drawing as effective precursor to handwriting (developing of fine motor skills)

#### **Overall Goals of the Program**

#### See Section B

- A learning environment that reflects a student-centered classroom by fostering student ownership and exploration of Essential Questions ("Inquiry Learning").
- □ A curriculum plan that fosters student ownership by allowing students, independently or collaboratively, to engage in Inquiry: to wonder and explore, to design and create projects, to publish and present their findings, to reflect, and to plan new inquiries.
- □ A curriculum plan that provides students with strategies and skills, through modeling, practice, and application, that help them to become more effective readers, writers, and mathematicians (problem-solvers).

#### **Identified Need Program Will Address**

This program will address the following needs:

- The need for improved reading comprehension
- The need for richer and more meaningful writing, particularly in response to literature
- The need for reading and writing across the content areas
- The need for students to have more problem-solving strategies
- The need for students to explain their strategies in written or verbal form
- The need for students to become more effective readers and writers.

## **Objectives**

See Section B

#### **Assessment of Goals**

See Sections C,D,E,F, and G

#### **Description of Program**

#### 1. Readers' Workshop:

- ✓ Minilesson on Reading Comprehension Strategy/Skill
- ✓ Minilesson on Word Study (spelling/decoding or vocabulary) Strategy/Skill
- ✓ Independent or Buddy Reading for Literature Circles
- ✓ Reading Journals
- ✓ Grand Conversations in Literature Circles
- ✓ Guided Reading group if necessary
- ✓ Centers: Science or Social Studies theme for Action Research, Word Study Strategy/Skill practice/application, and Reading Comprehension Strategy/Skill practice/application. Current Events for application of Reading Comprehension skills and strategies. Computer programs for Word Study (i.e. word histories) or Reading Comprehension (or relevance to Essential Question science/social studies theme)
- ✓ Poetry Response: Reading Comprehension, Playing with Language

#### 2. Voluntary Reading (SSR or DEAR)

#### 3. Writers' Workshop:

- Minilesson on Writing Trait Strategy, Step in the Writing Process, or Playing with Language
- ✓ Fast-write with prompt

- ✓ Workshop time for working on items in author's folder
- ✓ Writing in the content area (science or social studies) to explore the Essential Question. (i.e. making a Waldorf-style textbook for a Science concept like: How does Earth compare to the other planets?)
- ✓ Writing for independent or collaborative Inquiry Projects (exploring essential questions regarding a science or social studies concept).
- ✓ Writing in Student-Parent-Teacher Journal (weekly)

#### 4. Mathematicians' Workshop:

- ✓ Daily MVP (Most Valuable Problem)
- ✓ Math and Literature (Solving and Creating Story Problems)
- √ Student-designed Independent/Collaborative Projects (Application of Math Concepts)

#### 5. Student Ownership:

- ✓ Choice of books for voluntary reading
- ✓ Choice of research question at Action Research Center ("Inquiry Learning")
- ✓ Choice of current event to study
- ✓ Choice of what to communicate in writing
- ✓ Self-monitoring: Student Checklists
- ✓ Self-assessment: Rubrics for assessing individual performance and group performance

#### Interventions/Adaptations

#### FOR ESL STUDENTS (also beneficial for others):

ESL students are benefited when their native language plays a role in their literacy instruction. (Au, 1993).

- ESL students may understand the story but be unable to verbalize their understanding in English, thus scaffolding may include the following steps:
  - In English, teacher reads the story aloud to the students in a clear, deliberate manner.
  - 2. In English, teacher facilitates a review of the story's plot.
  - 3. In English, teacher leads an initial discussion of the story by asking questions that guide their responses, and then elaborating on student responses.
  - 4. Discuss unfamiliar vocabulary.
  - 5. For homework, students reread the story and make note of any other vocabulary they want to learn.
  - 6. On the next day, comprehension questions are given to students, and students are allowed to answer in their native language.
- Read literature aloud to ESL students (and rest of class), so that students will become acquainted with the structure of narratives in English and with literary language, including such phrases as "once upon a time..."
- Choose well-written, high-interest books where illustrations support the text, and where stories have predictable patterns and repetitive language. Fairy tales are excellent because of their consistent structure: problem, 3 events, resolution.
- Make writing authentic. Use dialogue journals: Teacher responds by repeating some of student's ideas using conventional English grammar, and by showing respect for student's ideas by responding to them. Allow journal to be written in native language if so desired.
- Center literacy instruction on the understanding and communication of <u>meaning</u>.
- Incorporate the arts into literacy instruction: art, music, and dramatic presentations

- Incorporate students' experiences into literacy instruction. Invite family members.
- Flood students with literacy-rich experiences. One becomes a better reader by reading, and a better writer by writing. Some linguistic skills may be transferred from one language to another (i.e knowing how to organize ideas in writing, ability to produce complex descriptions).

#### FOR READERS WHO NEED GUIDANCE WITH THE 3 CUEING SYSTEMS:

- Instead of placing these students in a student-directed literature circle, put them in a guided reading group that will focus on the 3 cueing systems:
  - ✓ Visual (graphophonemic): Does it look right?
  - ✓ Structural (syntactic): Does it sound right?
  - ✓ Meaning (semantic): Does it makes sense

#### FOR READERS IN LITERATURE CIRCLES THAT NEED SUPPORT:

Buddy Reading

#### FOR HIGH-ABILITY READERS:

• If there are a few readers with advanced comprehension strategies, put them in a lit circle together with a challenging book of their choice, but have them be with mixed-ability groups for the remainder of the Reading Workshop centers.

#### FOR RELUCTANT WRITERS:

- Treat them as though they are a writer. Emphasize that putting "pen to paper" is communicating. Show some first-grade semiphonetic writing and explain that the child who wrote that is a writer. That child communicated a message.
- Emphasize that whatever they write is owned by them. It goes in their Author's Folder and they can decide whether to take it on to publication or not.
- If they struggle with too many choices, give them a single prompt.
- Rather than push, provide alternative ways for them to communicate in the beginning such as with art, music, or drama.
- Teach them how to knit and work on Form Drawing to help their fine motor skills.
- Let them watch and see the excitement of publication and presenting for students who take their writing through to completion, or for students who read a first draft from the Authors Chair.
- Allow them to read their first draft in the Authors Chair.

#### **Management of the Program**

The goal of this program is to have a student-centered classroom in which the students have a sense of ownership, responsibility, and accountability. However, the routines of a student-centered classroom take some time for students to learn. As with a mini-lesson, routines will be introduced, modeled, practiced, reviewed, and applied. In time, the routines will go from being predominantly teacher-directed to predominantly student-directed.

Routines to be learned (in the order they will be introduced):

- 1. FIRST WEEK OF SCHOOL (and continuing throughout the year):
- Clear Expectations for behavior in class ("what does respect look like?")
- Clear Expectations for behavior during transitions from one activity to the next
- Classroom, Hallway, and School Rules (and Consequences)
- Routine for lining up
- Organizational system of classroom (where to find things, where to put things)
- Take-home folders (Goes-home-Stays-home AND Goes-home-Comes-back)
- 2. AFTER THE ABOVE ROUTINES HAVE BEEN PRACTICED SUFFICIENTLY:

- Small Group or Cooperative Group Rules (beginning with non-academic tasks before moving to academic tasks like the student-led literature circles)
- Student-led Literature Circles (staying on task, sharing, being responsible and accountable)
- 3. INTRODUCING ONE CENTER OR STEP AT A TIME (with each new experience being modeled, practiced, reviewed, and applied before the next step is introduced):
- Reading Workshop Centers (accountability and responsibility using time wisely and effectively)
- Writers' Workshop (accountability and responsibility using time wisely and effectively)
- Steps of the Writing Process
- 4. ACCOUNTABILITY and OWNERSHIP:
- Self-monitoring (checklists)
- Self-assessment (rubrics)

I believe there are 3 keys to the management of this program:

- 1. Providing clear directions and expectations, sufficient demonstration, and plenty of time for practice, review, and application of new skills, strategies, and routines.
- 2. Hooking the students. Getting the students engaged, interested, excited...so they begin to take ownership in their learning, and want to participate.
- Effective Teaching Practices: providing appropriate teacher language, scaffolding, modifications according to ability level and learning style, and consistency of high standards.

**Community Involvement** 

Community involvement							
Parental Involvement	Community Involvement						
Communication: weekly class newsletters,	Field Trips						
brief notes home, e-mail, phone							
Parents in the classroom for	Students work on projects to benefit the						
<ul> <li>Helping with assessment</li> </ul>	community:						
<ul> <li>Participation in small reading groups</li> </ul>	Plant flowers around school						
Listening to children read-aloud or give	Create section of newspaper on						
presentations	community events						
Helping with publishing of books  Helping with project and be legiting.	Be a reporter: Interview someone in the community						
<ul> <li>Helping with project such as knitting, sewing, etc.</li> </ul>	Read to younger students						
<ul> <li>Presenting a topic or story to the students</li> </ul>	Read to younger students     Read to younger children who have						
<ul> <li>Being a scribe or Reading aloud to</li> </ul>	recently moved to the United States and						
students with special needs participating	don't speak English yet						
in whole class activity	Participate in a Soup Kitchen?						
Parent-teacher conferences, Portfolios of	Invite guest speakers from the community						
student work							
Open House	Read about events in the community from the						
	newspaper						
Inviting family members to presentations (i.e.	Invite the press to appropriate activities! (i.e.						
presenting family stories, plays)	the State Archaeology Lab visiting the school)						
Inviting family members on field trips	Write a letter to a congressman, editor of the						
Objects to a chief their accounts have to	newspaper, or President						
Students teaching their parents how to do							
something							

#### **Materials/Technological Resources**

Writing Tools and Materials (containers of)	Organizing Folders/Crates (storage systems for)	Art Supplies	Resource and Reference Materials	Technology hardware and software
Pencils	Math folders	String	Dictionaries	4 computers hooked up to Internet
Colored pencils	Reading journals	Thread, needles	Thesauruses	Tape player and recorder
Crayons	Writing Workshop binders	Paper-mache paste	Encyclopedias	TV and VCR
Markers	Homework turned in	Paints	Kids Discover (set)	Overhead Projector & Screen
Scissors	???Mailbox for students (returned work) – maybe "take-home" folders)	Cooking ingredients?	National Geographic World	Software programs: i.e. Magic Schoolbus, A.D.A.M., Accelerated Reader?, Interactive books
Glue sticks	Thematic folders and/or Action Research folders	Cardboard: bin for cereal boxes, tubes, egg cartons, etc. (students	Scholastic News	Educational I websites:  www.allwords.com www.wordcentral.com www.thesaurus.com etc.
Rulers	Knitting	bring in)	Word Wall	Access to a multimedia projector
Clipboards Paper	Student checklists & rubrics	Other	Posters Library	Listening Center

#### Sample Weekly Schedule and Curriculum Map

It is easy to list every effective method of reading and writing instruction. It is hard to figure out how to organize and synthesize all the methods one wants to use, and all the strategies and skills one wants to teach. It is even harder to figure out how to fit them into a daily or weekly schedule. Once I had listed everything I felt was important for an effective curriculum plan, I decided that I had better see if it would all fit into a weekly schedule before I went any further! In so doing, I had a big "a-ha!" about reading and writing across the content areas in third grade.

#### WRITTEN DESCRIPTION OF PROCESS, AND OF SAMPLE MAP THAT FOLLOWS:

I was determined to have the recommended 80-minute block for Reading Workshop, and the daily Writers' Workshop. I was also determined to include all the elements of Balanced Literacy. In addition, I knew it was important for strategies and skills to be introduced, modeled, practiced, and applied. I soon found that I didn't have enough time in the day! For example, I couldn't have both an 80-minute block of Reading Workshop centers plus time for minilessons on skills and strategies for reading comprehension and word study every day. I also found that I had almost no time available for social studies and science units. I had to stop and re-think.

#### MINI-LESSONS:

Knowing that a mini-lesson needs to include time for modeling, practice, and application of the

skill/strategy, I decided to use the mini-lesson times for the modeling and practice, and the workshop times for application. For example, I decided that the mini-lesson on a reading comprehension or word study strategy/skill could include the introduction, modeling (via shared reading), and practice. For application to content areas, a center during Reading Workshop could have a science or social studies activity in which the strategy/skill may be used. Even though a minilesson on comprehension strategies occurs twice in a week, they will not be on different strategies. The same strategy will be practiced and reviewed and used in centers, writing, and reading for a week or more. For the two minilessons on word study, one will probably be on spelling/decoding skills, and one on vocabulary-building strategies. I am not sure that will be enough, as it is recommended to have them daily, so I will have to see how it goes. Vocabulary will also be explored during minilessons on writing strategies that are about "playing with language."

On Mondays and Wednesdays, students have time during "reading" to read independently or with a buddy for their literature circle assignment. They will also use that time to complete any notes or questions in their Reading Journals that they will need for their next meeting. On Tuesdays and Thursdays, the literature circles will meet for Grand Conversations using the notes in the Reading Journals. If there is a group of students who need help with the 3 cueing systems, I will meet with a guided reading group on all four days (during the independent reading time on Mondays and Wednesdays). For the other groups, I may eventually only meet with them for one of their two weekly discussions, and use the remainder of the center time to do individual assessments in reading.

#### **READERS' WORKSHOP:**

For the Reading Workshop centers on Tuesdays and Thursdays, each is an 80-minute block made up of 4 twenty-minute blocks. If there are four small reading groups, then each group will be scheduled for one of those 4 blocks. The remaining blocks will be divided up among the six centers – all of which I want attended on either Tuesday or Thursday.

- 1. SIGN SYSTEMS (combined with an ART CENTER): I may schedule this center. Literature Circles may want to attend the art center together in the event they are working on creating an illustrated poster or story map, or puppets for a dramatic presentation, etc. Inquiry Groups may want to attend this center together for use of materials in their projects. Focus will be on communicating in ways other than language: pictures, symbols, musical notes, hand signals, numbers, secret code, morse code, etc.
- COMPUTER CENTER: The computer center will also have to be scheduled, but not
  necessarily with the same group members. I will try to have the other centers mix up the
  students. One new Internet web site will be introduced each week. The web sites will be fun

and educational – i.e. games for studying the history of words or practicing cloze.

- 3. CURRENT EVENTS CENTER (Or, this could be the PERSPECTIVES CENTER and include both Current Events and History): I will provide Scholastic News, Time for Kids, and newspapers, and let students look for the 5 w's (who, what, when, where, and why). This center will also be used for considering perspectives and points of view.
- 4. ACTION RESEARCH (INQUIRY): This center will be called Action Research or Inquiry Station. This center will have copies of Kids Discover magazine, National Geographic World, and other resources. Individual students or Inquiry Groups may practice their "tools of Inquiry" at this center by taking notes, making maps and diagrams, and synthesizing information in their Inquiry Journals/Folders. Students may either come up with a question they are interested in researching, or they may select a prepared question that focuses on the science or social studies concept for that month (i.e. Which planet is farthest away? What is the surface of the moon like?). That was my initial idea – very simple – questions about a topic written out on index cards. Pick a card or write your own. However, as I read and learned more about Inquiry Learning, my vision clarified: Now, my goal is to have one overarching question – an "umbrella" Essential Question – the "big EQ" – that has to do with a science or social studies concept, and have this concept be the focus of the class for 4 – 8 weeks. The week prior to beginning a new EQ, I will put materials out at this station for students to look at and think about. Then, as a class, the students will brainstorm more specific questions that they want to focus on – in relation to the big EQ. Students can either form an Inquiry Group to pursue their question, or work alone. They will be required to prepare a plan and present it to me, do their research, read, write, discuss, and design/create a project or published piece of writing that will demonstrate their findings. Lastly, they will share with the class, and then write a reflection of the experience. If there are four to eight different sub-questions being explored about our big EQ, and these groups then present them to each other, then everyone learns a lot about the big umbrella topic. All of the workshops (Reading, Writing, Math) will include time for working on the Inquiry Projects – though math may be a different project.
- 5. **COMP CENTER** and
- 6. **WORLD OF WORDS**: For the remaining two centers, one will focus on applying the strategy/skill presented in the Word Study minilesson of the day before, and one on the Comprehension Strategy presented (i.e. making a Venn Diagram, or a Concept Map).

#### **POETRY: READING COMPREHENSION:**

Fridays will be Poetry days. The Dias style of studying poetry has been shown to greatly improve reading comprehension and vocabulary. Using a poem that is *very difficult* for the students to understand, groups of 4 students spend 20-25 minutes reading and discussing and rereading the

poem. Then all of the students convene together and each group shares the meaning they uncovered from the poem. Each subsequent group has to build on what the previous group shared. My literacy instructor did this with her class every Thursday for a full year and highly recommends it. Following this time, I think the students may be inspired to write some poetry of their own. I will see.

#### SUMMARY OF READING:

Therefore, reading (modeled, shared, guided, and independent) occurs for 80-90 minutes on Monday through Thursday. (The science or social studies theme, based on the essential question for the month, is interwoven during this time, and the reading-writing connection is also included.) There are 50 minutes of reading, with a focus on comprehension, on Friday.

#### **HANDWRITING**:

During the handwriting/knitting time, I would like to try beginning with only knitting for a month or two, and then introduce "form drawing" for a month, and then finally, when fine motor skills have had a chance to warm up, move into handwriting. During this time, students may work on knitting or "form drawing" once their handwriting is "passed off."

The Mathematicians' Workshop is scheduled for one hour each day, with an additional 10 minutes twice a week for drilling on math facts. Math will be described at the end.

#### WRITERS' WORKSHOP:

Although I intended for there to be Writers' Workshop with a minilesson on either writing process or writing strategies every day, I found that there wasn't any time left in the week for blocks devoted to science and social studies. It is at this point that I realized the "a-ha!" about reading and writing across the content areas. I knew that it would be possible to use centers during Readers' Workshop, and various writing assignments during Writers' Workshop, to cover a lot of Science and Social Studies content. However, I still wanted some time available for hands-on activities, plays, or projects. Because I was so moved by seeing the students at the Waldorf-based Charter School create their own "textbooks" using primary sources, I decided that I would like to try it with my third graders (though maybe later in the year). There are 3 science themes required for third grade. One is on studying the solar system. I think it would be feasible for students to create a "textbook" on the planets. The pages have text on one side surrounded by a border of form drawing, and an illustration on the opposite side. Transparent paper separates the two so that the colors don't smear and transfer. The student's best handwriting is required. It is a book for them to take great pride in. Their "best work." If I do this, work will occur during some of Writers' Workshop. Pre-writing and Writing will also occur during this time for the Inquiry

Projects.

I want at least 3 days per week of Writers' Workshop to include 45 minutes of uninterrupted writing. For my minilessons on writing strategies, the practice will be in the form of a prompted fast-write, and the application will be during the remainder of Writers' Workshop. My guess is that Writers' Workshop will go to the end of the day – with the last 20 minutes being for Authors Talk Time, Authors Chair, or other ways of sharing and celebrating. On Fridays, Writing Workshop will begin with students writing letters to their parents in our School-Home Journals.

#### MATHEMATICIANS' WORKSHOP

For Math, there are three elements that I would like to include in the curriculum, though not all will be detailed in this plan. First, I would like to begin each math class with a Problem-Solving task. Either all or some will be done by cooperative groups. Each problem-solver will be responsible for writing out an explanation of the strategy chosen, and some will share orally with the class. Second, I would like to offer a math-literature connection, though not every day. After listening to a picture book, students may solve and create story problems. Third, I would like implement a math curriculum idea presented in the book *It's Time: Celebrating Math with Projects* by New Zealand authors Jeni Wilson and Lynda Cutting. This plan, which I observed in the grade 4-5 multi-age classroom of Dawn Pisel in Juneau, Alaska, offers instruction 3 days each week, and then allows 2 days for work on independent/collaborative projects that the students have designed themselves. The projects must include an application of the math concepts being taught in the current unit, and the units last at least 3 weeks (so there are at least 6 days available for working on the project). Students are responsible for writing a plan, scoring on a rubric, and writing a reflection for their projects. By creating projects that apply math to the real world, students connecting Inquiry to math – and experiencing ownership of their learning.

#### **REVIEW OF PLAN FOR INQUIRY LEARNING:**

If it wasn't for trying to create a mock weekly schedule, and getting the big "a-ha!" about the necessity of integrating science and social studies into the Reading Workshop and Writers' Workshop, I wouldn't have come up with the idea of using Essential Questions based on the Science and Social Studies topics as my organizing principle for the year-at-a-glance. Now that I realize that is how my science and social studies concepts will be covered, I can come up with an essential question for each concept, and decide on a project for that concept that will make use of Reading Workshop and Writers' Workshop. Or, I could provide a center in Reading Workshop for the students to do some wondering about the topic, and then let them create their own subquestions. Students could join an Inquiry Group based on what sub-question they are interested

in exploring, and the group could decide how to design, create, and present a project. We could focus on one big Essential Question (the Umbrella Topic) at a time, and that may take us 4-8 weeks. The theme can be brought out during shared reading, choral reading, literature groups, centers, and writing projects. It is very exciting! Once I know the concepts that need to be covered, and decide on the essential questions, the next step is to figure out which genres go best with which science/social studies topics, and which comprehension strategies go best with which genres, etc. The goal is to have as many parts of the day complementing each other as possible. That is integrating the curriculum.

Another idea presented by Short & Harste (1996), in regards to Inquiry Learning, is to have a broad concept, such as "cycles," "discovery," "systems," or "change," to connect all the big Essential Questions throughout the year in the classroom. A larger umbrella. I was mulling this over and thought about a few broad concepts that might be fun and easy to fit with just about any science or social studies concept:

My first thought was "distance." Distance can be used with so many different meanings; it is easily used in math with measurement, fractions, problem-solving, etc. There are close relatives and "distant" relatives. Planets are a certain distance away from Earth. Etc.

My next thought was "connections." Connect-the-dot challenges are familiar to students. The challenge for the year would be to draw a line between any two points (ideas, authors, characters, plots, science concepts, planets, plants, people, personal connections, etc etc) that have anything in common – and make the connection. There is so much interconnectedness between every part of life (fiction and non-fiction), that I could see lots of intricate webs being mapped out continuously – maybe one big one on a wall. It would be an exciting way to see the overall picture of the year, and all that we have learned, and how it all relates to each other. The skill of making graphic organizers would be learned well! It is also a good skill for reading comprehension and for planning what to write.

I continued to think about "broad" concepts. I thought of **Sign Systems** (multiple ways of communicating other than just with words), and of **Perspectives** (multiple lens through which to look at every concept, story, current event, piece of history, etc.). For the latter, I thought it would be fun to create an Editorial section for a class newspaper where the same issue has to be described from different points of view (from the point of view of a historian, a politician, a mathematician, an anthropologist, a biologist, etc.) It would be interesting just to take an object, like a "dock," and ask the students how these different people would describe it (i.e. a mathematician might say it is a rectangle with an area of ...; an anthropologist might say that the

dock was a place for people to meet and be social; a biologist might say that dock has caused problems for the fish because of the boats disrupting their environment.) For non-fiction, students could look at two sides to a historical event (i.e. "the Pilgrims vs. the Native Americans," or "who were the first humans to explore the continent of North America?") How about planets? How would "aliens" from another world view the Earth and some of our customs? For fiction, students could re-tell a story from differing points of view (that of different characters) – i.e. The Three Little Pigs from the view of the wolf.

I found it a lot of fun to come up with these ideas. By the time I was done, I had come up with one that combined Sign Systems, Perspectives, and Connections with Language and Numbers! The History of the Alphabet and the History of Number Systems have always been interesting to me, and so it was fun to bring them into the picture. For a look at the web I came up with, see the page following the Curriculum Map (titled: WEB OF SIGN SYSTEMS)

The process of creating this curriculum plan has allowed me to see the interconnectedness of life – from looking at common attributes, to cause and effect, to problem and resolution, to compare and contrast, to seeking patterns, to connecting our prior knowledge to our new experiences – things have a way of tying together! This awareness has made realize how I will be forever finding new connections, and how much fun that will be to do with my students.

## ATTACHMENT A: SAMPLE WEEKLY SCHEDULE FOR THIRD GRADE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY		
9:00	Comp. Strategy Mini-lesson	9-9:10 Morning Meeting	Comp. Strategy Mini-lesson	9-9:10 Morning Meeting	9-9:10 Morning Meeting	9:00	
9:10	(practice – coop groups?)		(practice – coop groups?)			9:10	
9:30	Independent Reading and Reading Journal for literature circle group  WithMiss Camp: one guided reading group or individual assessment	9:10 center 1/ lit circle 1 9:10 – 10:50 Reading Workshop (Centers): Current Events, Art, Action Research, Computer, Comp Center (strategy), Word Work. Students attend their lit circle for one block, and choose 3	Independent Reading and Reading Journal for literature circle group  WithMiss Camp: one guided reading group or individual assessment	9:10 center 1/ lit circle 1 9:10 – 10:50 Reading Workshop (Centers): Current Events, Art, Action Research, Computer, Comp Center (strategy), Word Work. Students attend their lit circle for one block, and choose 3	READING POETRY (Dias style) (focus on comprehension) (9:10 – 10:00)	9:30	
10:00	Word Work Skill Minilesson (practice – coop groups?)	centers (all six must be attended between Tues and Thurs.) 9:50 center 3/lit circle 3 10:10 center 4/lit circle 4	Word Work Skill Minilesson (practice – coop groups?)	centers (all six must be attended between Tues and Thurs.) 9:50 center 3/lit circle 3 10:10 center 4/lit circle 4	Writing Poetry	10:00	
10:30	S N A C	K a n	d R E	A D - A	L O U D	10:30	
10:45	Knitting, Form Drawing, or Handwriting	10:50 math facts (drill)	Knitting, Form Drawing, or Handwriting	10:50 math facts (drill)	Knitting	10:45	
11:00	MATHEMATICIANS' WC Problem-Solving or Literature- Share strategies (or solve/cre- Instruction (mini-lesson) Practice – coop groups?	-Math Connection			N'S WORKSHOP:	11:00	
12-1	L U N	C H a	n d	R E C	E S S	12-1	
1-1:45	MUSIC	GYM	MUSIC	GYM	ART ?	1-1:45	
1:45	SILENT	SUSTAI	N E D R E	A D I N G	(SSR)	1:45	
2:00			This will continue to be the time for Writing Strategy lessons, Journal Writing, & Writers' Workshop, though may be used at some point during year for Waldorf Model of: WRITING SCIENCE TEXTBOOKS!  Form Drawing, Illustrations  This will continue to be the time for Writing Strategy lessons, Journal Writing, & Writing Morkshop: Letter Parents				
2:30		ent Work, Editors Table, Peer	and for WRITING for INCLURY PROJECTS				
2:45		rences					
3:00	OPTIONS: Continue Writers' time for some hands-on Social	Workshop, Authors Chair, Pres Il Studies and Science Activities	eentations, Author Talk Time, wo	Sharing and Celebration of Student Work	3:00		
3:30	D I	S M		S S	A L	3:30	

# SAMPLE CURRICULUM MAP (YEAR-AT-A-GLANCE) FOR THIRD GRADE

"Umbrella" Essential Question → for topic in Science or Social Studies	What is a community?		What was this country like before 1000 AD?		What are different habitats?		What makes matter (gas, liquid, solid) change?	What is the solar system?		
	September	October	November	December	January	February	March	April	May	June
Guided Reading or small group instruction (genre)	Assess level of reading, review 3 cue systems Begin Reading Journals	Introduce lit circles (one new circle per week). Practice writing questions in Reading Journal and having Grand Conversations	Theater, Re-te problem/resolu up book, letter	Illing from the pe ution, connection to author, flip bo roles. Students	nquiry Groups nerspective of differ between book a book, put on a pla are not allowed	erent character, and personal live ly. Discussion d	Graphic Organizes or other books Juring Lit circles	zer (depicting ca s), puppet show may be in the fo	use/effect, comp , write and sing a	pare/contrast, a song, pop-
Shared Reading	Picture Walk with Predictions, Write questions (RT, T&S, OYO) for stories read aloud. Story Maps (beginning, middle, end)	Choral Reading to practice chunking phrases, Put cut-up sentences back together	aloud. Empha October: Family November: Hist	size "a-ha's!"  Story orical Fiction orial (persuasive) le imal Story	tegies and skills	being worked o	n that week, and	d to talk about di	fferent genre. N	flodel thinking-
Reading Comprehension Strategies	Using Shared Ro Predicting, Writin Chunking, Cloze about pronouns	ng Questions,	Story Maps (characters, setting, plot) Making webs	Venn Diagrams Compare and Contrast	Cause and Effect	Problem & Resolution (Fairy Tales)	Comparative literature: folklore.	Take notes of key points (i.e. clues in mysteries)		
Word Work (language/vocab)	Using Shared Ro Phonemic Aware Reading, Rhyme Onomatopoeia Playing with Lan alliteration Begin Weekly Ho	eness: Choral es, guage:	notebooks) Dictionary skills Thesaurus Dictionary? Dictionary? Dictionary?  Dictionary skills  Metaphors  Metaphors  Idiom Posters  Multiple meanings of words - map  words - map  Chains					Making new words out of old words, making word chains		
Reading Workshop Centers	First two weeks: group rules with activities. Next six weeks: center each wee	non-academic Introduce one	Computer, 5) (	Comp Center, ar	ems (primarily ar nd 6) World of W als at the Inquiry	ords or "Playing	with Language.	" Introduce one	new web site ea	ach week.

"Umbrella" Essential Question → for topic in Science or Social Studies  Study and Research Skills	What is a community?  September Look at magazines & newspapers –	October Scientific Method: Ask a question,	What was this country like before 1000 AD?  What was this country like before 1000 and the like	December  Making webs and diagrams of key points –	What are different habitats?  January Look for patterns	February Looking at it from different perspectives	What makes matter (gas, liquid, solid) change?  March Using different sign systems	What is the solar system?  April	Мау	June
	looking for 5 W's (primary sources) Interviewing	form a hypothesis, make a plan, list materials	Using the Internet for research.	seeing connections	Encyclopedia					
Writing Workshop (genre)	Getting to Know You (interviewing, writing biography)	Family Stories (begin class newspaper?) School-Home Journal	Begin Pen Pals Historical fiction	Editorial for newspaper (persuasive)	Begin a Waldorf-style textbook (may take all year) – on an Inquiry EQ	Folktale	Myth or Animal Story ??	Mystery	Sci-Fi	
Writing Trait Strategies	Writers' Notebooks/ Authors Folders begin. Pre-writing: Brainstorming, webbing, storyboards, sketching.  Writing rough draft.	Pre-writing Storyboard or story map, timeline? Decide on beginning and end, and 3 events in order.  Authors Circles and Revision	Self-Editing and Editors Table and Publication Organization: Is there a beginning and an end? What is the sequence of events?	Voice: What is the purpose? Who is the audience?	Ideas and Content: Lots of work with pre-writing – making graphic organizers. Supporting details: 5 W's: Practice Sentence Expansion	Sentence Fluency: Sentence combining using connectors, and Sentence decombining. Sentence expansion. Story Maps	Word Choice: Playing with language. Figurative language (similes, metaphors, idioms), pronoun substitutions, compare and contrast.	Organization: What is the best sequence of clues for your mystery? Can the reader guess the ending? How to build suspense.	Conventions:  Look at older pieces of writing and do some self-editing?	
The big project (may be individual or group choice)	Authors Chair Class Magazine	Authors Chair Storytelling	All projects mu plan and teach a log of their m plus a list of th	ist use at least to her conference, a neetings, goals, eir primary sour		, and present at written reflection se of Inquiry Too	least two perspon n plus a rubric fro ols such as time	ectives. All projon each membe lines, webs, gra	ects must begin er. Inquiry Grou ohs, charts, and	with a written ps must keep diagrams,
Math (problem-solving daily, story problems weekly, writing and sharing strategies, ongoing independent projects)	Practice cooperative group work. Place value	Adding & subtracting, mental math	Measurement	Graphing	Geometry	Multiplication & Division	Fractions	Decimals and Money	Projects Probability	Projects
Other	Make knitting needles, introduce knitting	Knitting, Introduce Form Drawing.	Introduce handw	riting (knitting and	d form drawing con	itinue)				

# **WEB OF SIGN SYSTEMS**



# **GOALS AND OBJECTIVES OF THE CURRICULUM PLAN**

**ESSENTIAL QUESTION**: What type of curriculum and learning environment will create effective readers, writers, and mathematicians in a student-centered and Inquiry-based Third Grade classroom?

GOAL	OBJECTIVES	HOW?		
A learning environment that reflects a student-centered and Inquiry-based classroom	Evidence of a student-centered and Inquiry-based classroom: (Thompkins, 2001; Au, 1993; Dewey, 1956; Short, 1996):  ✓ Students actively explore "essential questions" (Inquiry Learning).  ✓ Students decide on projects they will complete to show what they learned in their inquiry.  ✓ Students pursue "authentic" activities using reading, writing, listening, and talking.  ✓ Students discuss the relationships between events in novels and events in their own lives.  ✓ Students collaborate with each other.  ✓ Students talk about their ideas and strategies.  ✓ Students share and celebrate their writing with an authentic audience.  ✓ Students take ownership in their learning by setting goals, using checklists for self-monitoring, and using rubrics for self-assessment.	Classroom Environment contains:  Multiple Sign Systems available (ability to communicate through language, art, music, drama, movement, math)  Opportunities for Expression, Reflection, and Collaboration (i.e. Class Meetings, Journals, Inquiry Groups, Rubrics)  Variety of Resources		
A curriculum plan that fosters interest and growth in reading, writing, and problem-solving  (creates effective readers, writers, and problem-solvers).	<ul> <li>Evidence of becoming Effective Readers         <ul> <li>(Thompkins, 2001). Students</li> <li>Are fluent oral and silent readers.</li> <li>View reading as a process of creating meaning.</li> <li>Decode rapidly.</li> <li>Have large vocabularies.</li> <li>Understand the organization of stories, plays, informational books, poems, and other texts.</li> <li>Use a variety of strategies.</li> <li>Monitor their understanding as they read.</li> </ul> </li> <li>Evidence of becoming Effective Writers         <ul> <li>(Thompkins, 2001). Students</li> <li>Vary how they write depending on the purpose for writing and the audience that will read the composition.</li> <li>Use the writing process flexibly.</li> <li>Focus on developing ideas and communicating effectively.</li> <li>Turn to classmates for feedback on how they are communicating.</li> <li>Monitor how well they are communicating on a piece of writing.</li> <li>Use formats and structures for stories, poems, letters, and other texts.</li> <li>Use a variety of strategies.</li> <li>Postpone attention to mechanical correctness until the end of the writing process.</li> </ul> </li> <li>Evidence of becoming Effective Mathematicians         <ul> <li>(or Effective Problem Solvers):</li> <li>Use a variety of strategies for solving problems</li> <li>Communicate Strategy ("explain your reasoning") – Able to put Metacognitive thought process into words (orally and written)</li> <li>Collaborate with other students</li> <li>Apply to real life: Create a problem for peers to solve.</li> <li>Connect math and literature through solving and creating story problems.</li> <li>Invent, Design/Plan, Create, Present, and Write a Reflection on (independently or c</li></ul></li></ul>	<ul> <li>Reading         Comprehension         (Strategies and Skills)</li> <li>Word Study         (Strategies and Skills)         <ul> <li>Word Study</li> <li>(Strategies and Skills)</li> <li>Word                 Identification                 (decoding/spelling)</li> <li>Language/Vocabulary                 Knowledge</li> </ul> </li> <li>Elements of a         Balanced Literacy                 Program (including voluntary reading)</li> <li>Writer's Workshop:                 The Writing Process                 (and Strategies on the Six Traits of Writing)</li> <li>Inquiry Learning:                  Reading and Writing across the Content areas (concepts of science and social studies)</li> <li>Mathematicians'                  Workshop</li> <li>Daily MVP (most valuable problem) in math.</li> <li>Math Mini-Projects (independent or collaborative)</li> </ul>		

### **LEARNING ENVIRONMENT**

Essential Question: In a student-centered third-grade classroom, how can the environment foster ownership, self-confidence, responsibility, and values, as well as engagement in Inquiry Learning?

GOAL	OBJECTIVE (ASSESSMENT described at bottom of table)	HOW?
A learning environment that fosters  student ownership  self-confidence  responsibility  values of: respect, interdependence, independence, work ethic, and originality  Learning does not occur by an action done to the child, but by the child's mind actively seeking and participating, and this is influenced by the environment of the classroom. (John Dewey, paraphrased)	Evidence of Student Ownership and Self- confidence:  General evidence(Au, 1993):  ✓ Students see opportunities everywhere for learning.  ✓ Students think and take pleasure in using their intellects.  ✓ Students able to trust their own judgments.  • Specific evidence (Thompkins, 2001; Au, 1993): Students  ✓ Express their own ideas and opinions.  ✓ Choose topics for writing and books for reading.  ✓ Talk about books they are reading.  ✓ Share their writing with classmates and receive recognition for books they publish.  ✓ Pursue "authentic" activities using reading, writing, listening, and talking.  ✓ Discuss the relationships between events in novels and events in their own lives.  ✓ Decide on projects they will complete to show what they learned in a content area unit.  Evidence of Responsibility (including Habits of Work): Students will  ✓ Use time wisely  ✓ Have their materials organized  ✓ Follow the school and classroom rules  ✓ Accept the consequences both positive and negative that are a result of their actions and choices.  ✓ Bring permission slips, signed notes, homework, books, etc. to school on time.  Evidence of Respect: Students  ✓ Do not talk when teacher or speaker is talking.  ✓ Do not behave disruptively during class time.  ✓ Show respect for people and their property, ideas, time, & personal space.	Physical Lay-out of Classroom "If I want my students to be organized, then I better model being organized myself." — Cinda Stanek, 5 <sup>th</sup> grade teacher.  Daily schedule Monthly Calendar Morning Message Rules and Consequences Posted Teacher Mailbox or Suggestion Box Organized Classroom: Library and Reading Area Coats and Backpacks Area Meeting Area Supplies Area (containers of colored pencils, crayons, markers, scissors, glue sticks, rulers, clipboards)  FLEXIBLE GROUPINGS Individual Paired (i.e. Think-Pair- Share, Buddy Reading, Buddy Journals) Small Group Cooperative Groups Literature Circles Guided Reading Interest Groups Literature Circles Guided Reading Literature Circles Guided Reading Literature Circles Guided Reading Literature Circles Guided Reading Literature Circles

# Evidence of Interdependence (collaborative and cooperative work): Students...

- ✓ Share work equally.
- ✓ Make an effort.
- ✓ Respect each other.

#### Evidence of Work Ethic (Au, 1993):

Students consider work to be...

- ✓ enjoyable
- ✓ purposeful
- ✓ real, serious, good (being busy is good)

# An environment that fosters...

#### Engagement in Inquiry Learning

Learners will not pursue the questions that really matter in their lives unless they are in an environment where their ideas and lives are valued. (Short & Harste, 1996)

# Evidence of Inquiry Learning: (see Table on Writing Workhop)

- ✓ Students have choice in what they explore.
- ✓ Students use classroom resources, space, and time to actively explore Essential Questions.
- ✓ Students collaborate with each other.
- ✓ Students talk about their ideas and strategies.
- Students share and celebrate their findings with an authentic audience.

# Rubrics (students share in self-assessment)

Self-checklists (for self-monitoring & accountability)

# Environment provides for the three sources of knowledge that Inquirers draw on:

- 1. Time and Space for Building on the Known: Students' experiences, background knowledge, and interests. (what students know, perceive, and feel).
- 2. Multiple Sign Systems available (ability to communicate through language, art, music, drama, movement, math)
- 3. Multiple Knowledge Systems (variety of "lens" offering different perspectives i.e. through the eyes of a historian, a biologist, a mathematician, an anthropologist, etc.)

#### ASSESSMENT:

- Observe and Listen:
  - ✓ Are students "on-task"?
  - ✓ Do students seem interested and excited about their learning activities?
  - ✓ Do students respect each other? (i.e. listen while someone else is talking)
  - ✓ Do students know where things are?
  - ✓ Do students talk about what they are learning?

#### Read:

- ✓ Read the notes that students write and put in the Teacher Mailbox.
- ✓ Read the rubrics and checklists filled out by students.

#### Speak and Listen:

- ✓ Ask the students how it feels to be in the classroom, and if they have any suggestions for making it better.
- ✓ Ask the students if there is anything they need for their Inquiry Exploration that is not in the classroom.

# **READING COMPREHENSION**

Essential Question: What activities will allow a third grader to experience the different types of the comprehension process?

	GOAL	ASSESSMENT	ACTIVITIES				
	(Desired Result)	(Acceptable Evidence)	(How to achieve desired result)				
SSES	Able to chunk a sentence into appropriate parts/phrases	Listen to student reading aloud	Choral reading				
MICROPROCESSES		Observe student put sentence back together correctly	Cut sentence into phrases (chunks), mix up, and put back together.				
MICRO	Able to complete cloze within a single sentence	See words chosen by student to complete single-sentence cloze	Single-sentence cloze				
	Able to complete cloze (every five words) within a paragraph	See words chosen by student to complete multiple sentence cloze	Multiple-sentence cloze (every five words)				
NTEGRATED PROCESSES	Able to make inferences about identity of pronouns	See student write the correct identity of pronoun, or hear student respond to clarifying question with the correct identity of pronoun	i.e. Jack jumped over the candlestick. He burnt his foot. Who is "he"?				
D PF	Able to make inferences about cause and effect	Look at graphic organizer.	Graphic organizer for cause and effect				
NTEGRATE	Able to notice how connective words (i.e. also, however, because, unless, first, second, third) create relationships between sentences	Student combines short sentences into longer ones that contain connectives.	Sentence combining				
=		Look at what student circles.	Circle connectives in sample text				
	Able to recognize synonym substitutions	Ask student how "big" compares to "huge."	"That creature wasn't just big, it was huge!"				
SES	Able to categorize	Look at the categories to see if they make sense.  Are students able to recategorize items using different attributes?	Combine items with similarities into categories (make a chart or poster).  Take the same items and categorize them according to different attributes.				
MACROPROCESSES	For fiction, able to retell the sequence of events in a story and the story structure (character, setting, problem, events,	Student completes a graphic organizer (story map)	Student completes a graphic organizer (story map)				
SRO	solution)	Oral retelling checklist	Oral retelling				
MAC		Written summary checklist	Written summary				
	For nonfiction, able to locate the 5 w's, or able to list main argument, key points, and summary of text	Student completes a graphic organizer	Student completes a graphic organizer				
		Oral or written retelling checklist	Oral or written retelling				

	For cycles and sequences, able to depict the correct order from beginning to end (or	Student completes a graphic organizer	Student completes a graphic organizer			
	cyclical)					
ELABORATIVE PROCESSES	Able to compare and contrast information within the text/story, two different stories or pieces of literature, or something in text (character, setting, problem, plot, information) to reader's own life (make connections)	Complete a Venn Diagram	Complete a Venn Diagram			
ELAE	Able to consider other points of view	Student writes a journal entry written from the point of view of a character in the story	Student writes a journal entry written from the point of view of a character in the story			
METACOGNITIVE PROCESSES	Able to make predictions by picture reading	Listen to students' predictions and their reasoning.	Students take a picture walk through book and then predict what will happen in the story. Students explain their reasoning.			
METAC	Able to think-aloud the thought process of choosing a strategy	Listen.	Teacher models the art of verbalizing what she's thinking as she reads. Students practice in small groups.			
	Able to write questions (right there, think and search, on your own)	Read the questions that the students wrote, and observe growth over time.	After reading, students write questions to ask their peers in Lit Circle.			
MULTIPLE PROCESSES (including Metacognitive Process)	Able to participate in Grand Conversations within a small literature circle	Student writes out questions for other members of literature circle that require some reflection and comprehension process	Student writes out questions for other members of literature circle that require some reflection and comprehension process			
MULTIPLE PROCESSES Inding Metacognitive Proc	Able to take notes for specific purposes: main idea, unknown words, a-has, questions, schema connectors	Student takes notes for specific purposes: main idea, unknown words, ahas, questions, schema connectors	Student takes notes for specific purposes: main idea, unknown words, ahas, questions, schema connectors			
<b>MU</b> (includi	Able to perform a specific role in literature circle – that requires reading for a specific purpose	Student takes notes for specific purposes, and discusses: main idea, unknown words, a-has, questions, schema connectors	Student takes notes for specific purposes, and discusss: main idea, unknown words, a-has, questions, schema connectors			

# Strategies versus Skills (Thompkins, 2001)

Reading and Writing Strategies (problem-solving tactics)	Reading and Writing Skills (once learned, do automatically)
<ol> <li>Tapping Prior Knowledge</li> </ol>	<ol> <li>Comprehension Skills</li> </ol>
2. Predicting	<ol><li>Decoding and Spelling Skills</li></ol>
<ol><li>Organizing Ideas</li></ol>	<ol><li>Language Skills</li></ol>
<ol><li>Figuring out unknown words</li></ol>	4. Study Skills
5. Visualizing	<ol><li>Reference Skills</li></ol>
6. Making connections (to own life, to other literature, etc.)	
<ol><li>Revising Meaning</li></ol>	
8. Playing with language	
9. Summarizing	
10. Evaluating	

# WORD STUDY: STRATEGIES AND SKILLS FOR DECODING/SPELLING AND VOCABULARY

Essential Question: What activities will allow a third grader to gain competency in decoding/spelling and vocabulary skills?

COAL (general)	GOAL (specific)	ASSESSMENT	ACTIVITIES			
GOAL (general)  WORD STUDY (decoding and	GOAL (specific)  (Desired Result)	(Acceptable Evidence)	(How to achieve desired result)			
spelling)		01 1 1				
Goal #1: Knowledge of how to look at and use Features of Print	<ul> <li>Able to notice and use clusters and patterns of letters for aid in decoding and spelling (reading and writing)</li> <li>Able to connect letters to sounds,</li> </ul>	Student explains how he/she used a known word to help read or write an unknown word.  Look at visual representations of word families and letter clusters	Teacher models using known cluster sounds to help in reading or writing (use a known word to help read/write an unknown word)  Students make word walls or visual representations of word families and letter			
	and some letters to more than one sound when combined with other letters	i.e. Student able to read/write cake and city.	clusters.  Students practice solving new words in same word families.			
Goal #2: Knowledge of a large core of high-frequency words	<ul> <li>Able to have greater fluency in reading</li> <li>Able to have a greater vocabulary in writing (and more momentum)</li> </ul>	See high-frequency words correctly spelled in writing, and heard pronounced when reading with fluency.	READING (independent, buddy, shared, guided)  WRITING (independent, guided)			
Goal #3: Understanding of simple and complex letter- sound relationships	<ul> <li>Able to hear individual sounds, syllables, onsets and rimes, word parts, and whole word units</li> <li>Able to connect the sounds of a word to graphic symbols (letters)</li> </ul>	Listen to how words with complex letter-sound relationships are pronounced when reading.  Look to see if written words contain all the sounds of the word.	READING Pronounces words with simple and complex letter- sound relationships  WRITING Speaking words aloud help student to spell word in writing			
Goal #4: Ability to notice and use word patterns (letters and groups of letters) that represent sound and	Understanding of word patterns that include consonants, vowels, phonograms, syllables, word structure, and useful spelling rules.	Look at the words students create from an old word.  Homonym poster reflects accurate understanding.	From mini-lessons, practice (creating graphic organizers, word families on word walls), and using in writing, students develop understanding of word patterns (see table)			
meaning. (How words sound, look, and mean)		Look at word sorts Listen to word games	Students play Word Games during Reading Workshop			

			Students practice making
		Look at writing and listen to reading	new words out of old words by changing letters or clusters, adding endings, forming compound words.
			Students create homonym posters
Goal #5: Ability to use a repertoire of word-solving strategies	Use similar word pattern from known word to help with unknown word  Use known rhyming word to help with unknown word  Use knowledge of homonyms  Use knowledge of consonant sounds, vowel sounds, cluster or combination sounds.  Use knowledge of prefix, suffix, and root meanings  Use grammar or syntax: "does it sound right?"  Use semantics: "does it make sense?"  Look at parts of the word (especially with compound words)	Ask student to think- aloud while solving a word being read or written. Listen.  Look at word pattern maps/webs created by students.  Notice spelling in student's writing. For example, if student spells the word brought wrong – as braught – chances are he/she is trying to use a strategy, and thought of the word caught that rhymes. Word may be misspelled, but word-solving strategy is being used.	Teacher models variety of word-solving strategies by thinking-aloud. i.e. the word caught: "I know the word cot is like a bed, and I know the word taught rhymes so aught might be right, and I know that using k for the "k" sound doesn't look right, so I think it is caught." (strategies: homonym, rhyme, c/k understanding).  Provide practice opportunities during Reading Workshop  Make a web of words with different patterns the same as the central word: "snowshoe" connect to sunlight (compound word), snake (sn cluster), blow (ow combination), shine (sh digraph, shoe – word within the word)
Goal #6: Skill in using references, resources, and proofreading so as to become increasingly independent in reading and writing	Know how to locate errors or notice when words don't look right      Able to use knowledge of how words sound, look, and mean to correct errors      Able to use references and resources to correct errors. (dictionary, thesaurus, word walls, word charts)	Student re-reads what he/she writes to see if anything doesn't look or sound right.  Student tries two or three strategies for self-monitoring and self-correcting before asking teacher. (word wall, dictionary, individual word chart, thinking of known word with similar sound, etc.)	Daily Oral Language (DOL): Write sentence on board with errors in it, and students correct it.  Teacher models during shared writing. Make errors and asks students if anything doesn't "look right."  Students consider if words look right, sound right, and make sense. Students look for words on word walls, in dictionaries

GOAL (general)	GOAL (specific)	ASSESSMENT	ACTIVITIES
WORD STUDY (vocabulary)	(Desired Result)	(Acceptable Evidence)	(How to achieve desired result)
Learn strategies for making predictions about unknown words using context clues, morphemic analysis, and prior knowledge	<ul> <li>Use variety of strategies in figuring out meaning of word</li> <li>Dictionary</li> <li>Ask someone</li> <li>Context clues</li> <li>Think about substitute words that would make sense (synonyms)</li> <li>Look at key words in sentence</li> <li>Look at picture</li> <li>Read around the word and then go back to it</li> </ul>	Hear student think- aloud as he/she acts as a "word detective" and decides what strategies to use.	Teacher models the strategies a reader may use to predict the meaning of a word. Teacher thinksaloud during shared reading.  Students practice in small groups  Direct instruction of dictionary use  Modeling of context clues (below)  Repetition
Learn six types of context clues as modeled by teacher	<ul> <li>Definition</li> <li>Example- illustration</li> <li>Contrast</li> <li>Logic</li> <li>Root words, suffixes, prefixes (look at syllables)</li> <li>Grammar</li> </ul>	Hear student think- aloud as he/she acts as a "word detective" and considers the clues.	Teacher models the use of these context clues during shared reading.  Students practice during guided reading with the help of teacher's clarifying questions
Develop full word knowledge	<ul> <li>Multiple meanings</li> <li>Synonyms</li> <li>Antonyms</li> <li>Homonyms</li> <li>Figurative Meanings (similes, metaphors, idioms)</li> <li>Etymologies (word histories)</li> </ul>	See visual representations and illustrations created by students  See dramatic demonstrations of word meanings	<ul> <li>Word posters</li> <li>Word maps (graphic organizers)</li> <li>Homophone posters</li> <li>Idiom posters</li> <li>Vocab notebooks</li> <li>Concept posters</li> <li>Dramatizing words</li> <li>Word sorts</li> <li>Word chains</li> <li>Semantic Feature Analysis</li> <li>Vocab Card Files</li> <li>Vocab word games</li> <li>Associations/Analogies</li> <li>Concept Ladder</li> <li>Exclusion Brainstorming</li> <li>Individual Word Walls</li> <li>Pocket Chart Word Walls for Categorizing Words</li> <li>Visiting word study web sites: <ul> <li>www.wordcentral.com</li> <li>www.allwords.com</li> </ul> </li> </ul>
Apply vocabulary words to real life (meaningful use)	Use vocabulary words in literature groups and thematic units	See vocabulary words used in students' writing; hear in students' speaking (conversations)  Look at concept maps	Presentation of Words:  In concept clusters (i.e. from same book, or about same science concept) – Make concept maps  With connections to background knowledge  Words available at writing center

#### **Word Patterns**

#### **CONSONANTS:**

- Consonant clusters, families
  - □ S clusters: st, sp, sn, sm, sl, sc, sk, sw and spl, str, spr, scr, squ
  - □ L clusters: bl, cl, fl, gl, pl
  - □ R clusters: br, cr, dr, fr, gr, pr, tr
- Consonant digraphs (2 consonants represent one sound. i.e. ch, wh, sh, th)
- Sounds of "f" (ph phone, gh laugh, cough)
- Sounds of "k" (c car, k key)
- Doubling consonants (little, runner, summer, dress, bell)
- Final digraphs (letter cluster at end of word. i.e. ck, nk, ng)
- C and G (two sounds each, hard and soft car, face, giraffe, get)
- Silent consonants (i.e. knowledge, wrap)

#### **VOWELS:**

- Long and short
- Vowel combinations (ow, igh, ea)
- Two sounds of oo
- Vowels with r (ar, er, ir, ur, or)
- Silent e

#### PHONOGRAMS:

Vowel + consonant combinations that make word families (ake, at, ade, it, am)

#### **OPEN & CLOSED SYLLABLES:**

Open syllable ends in vowel

#### STRUCTURE OF WORDS:

- Contractions
- Compound words
- Prefixes & suffixes
- Synonyms & Antonyms
- Homonyms
- Plurals
- Possessives
- Clipped words (i.e. bike for bicycle, champ for champion)
- Abbreviations
- Syllabication
- Greek & Latin word roots (i.e. agua means water in Latin)
- Other (Words from sound onomatopoeia buzz, whoosh; Words from names teddy bear for Theodore Roosevelt; Portmanteau words – wriggle + squirm = squiggle)

Pinnell, G.S. and Fountas, I.C. (1998). What children need to know about letters and words. In <u>Word Matters: Teaching Phonics and Spelling in the Reading/Writing Classroom</u>. (pp. 87-103). Portsmouth, NH: Heinemann

#### **Useful Spelling Rules**

- Qu Rule: Always put a u after a q
- Syllable Rule: Every syllable has a vowel or y
- Two sounds of c,g: Soft c or g is usually followed by i, y, or e
- Ei or ie Rule: Write i before e except after c or when sounds like a as in neighbor
- **Silent e Rule**: When a word ends in silent e, drop the e when adding an ending that begins with a vowel
- Adding Endings to Words that End in y: Change the y to i when adding an ending to a word that ends with consonant y (except if adding ing)
- Adding Endings: Double the final consonant of a word that ends with a single vowel and consonant before adding a suffix that begins with a vowel (stop, stopping)

#### **Forming Plurals**

- Add s: Add s to most words to form the plural (car, cars). Also add s to words ending in the vowel y (monkey, monkeys)
- Add es: Add es to words that end with s, ss, sh, ch, x (box, boxes)
- Change f to v: Change f or fe to v and add es to words ending in f or fe (half, halves)
- Change y to i: Change y to i and add e to words ending in y preceded by a consonant
- **Change spelling**: Some words change their spelling to form the plural (mouse, mice)
- **Spelling stays the same**: Some words are spelled the same in both the singular and plural forms (sheep, sheep)

Pinnell, G.S. and Fountas, I.C. (1998). What children need to know about letters and words. In <u>Word Matters: Teaching Phonics and Spelling in the Reading/Writing Classroom</u>. (pp. 87-103). Portsmouth, NH: Heinemann

#### **Rules for Adding Endings to Words**

- Most words: Simply add the ending to most root words. Walk → walks, walked, walking
- Words ending in e: When a word ends in silent e, drop the e when adding an ending that begins with a vowel. Hope → hoping, hoped
- Words ending in y: Change the y to i when adding an ending unless the ending is ing. Carry → carried, carrying
- Words ending in a single vowel and a consonant: Double the final consonant before adding an ending that begins with a vowel. Stop → stopping, stopped

## **Understandings About Syllables**

- Words have parts that you can hear
- Some words have just one part and others have more than one part
- You can clap and count the parts of words
- Every syllable has a vowel sound
- Usually, endings and prefixes are syllables in themselves
- When you add a prefix, the spelling of the root word doesn't change (reread)
- When a word has two consonants in the middle, divide the syllables between the consonants (bet-ter)
- Syllables ending with a vowel have long vowel sounds (ho-tel)
- Syllables ending with a consonant have short vowel sounds (mat-tress)
- When a word ends with le, the consonant preceding it joins the cluster to make a syllable (trou-ble)
- Letter clusters such as th, ch, wh, sh, ck, nk, and ng usually stay together in a syllable.
- Prefixes, Suffixes, and endings are syllables that have meaning.

Pinnell, G.S. and Fountas, I.C. (1998). What children need to know about letters and words. In <u>Word Matters: Teaching Phonics and Spelling in the Reading/Writing Classroom</u>. (pp. 87-103). Portsmouth, NH: Heinemann

# Syllabication Rules: One Vowel Sound per Syllable

- 1. When two consonants come between to vowels in a word, divide syllables between the consonants. (cof-fee, bor-der, hec-tic, plas-tic, jour-ney)
- 2. When there are more than two consonants together in a word, divide syllables keeping the blends together. (em-ploy, mon-ster, lob-ster, en-trance, bank-rupt)
- 3. When there is one consonant between two vowels in a word, divide syllables after the first vowel. (ca-jole, bo-nus, fau-cet, plu-ral, gla-cier)
- 4. If following the third rule does not make a recognizable word, divide syllables after the consonant that comes between the vowels. (doz-en, dam-age, ech-o, meth-od, cour-age)
- 5. When there are two vowels together that do not represent a long-vowel sound or a diphthong, divide syllables between the vowels. (cli-ent, du-et, po-em, cha-os, li-on, qui-et)

# **Examples of The Authoring Cycle and The Writing Process in Action!**

(For Skills/Strategies being used, and ideas for Assessment, see the Essential Question about the Writing Process)

The Authoring Cycle	The Writing Process	Examples
Building from the Known		"Getting to Know You" (interviews for student magazine)     "Family Stories" (for class collection, student collection, storytelling for parents)     Personal Time lines
Taking the Time to Find Questions for Inquiry	1. Pre-writing: Brainstorming, Webbing  2. Rough Draft: fast-write, journal	<ul> <li>Observe life, gather ideas ("I wonder"), conduct research, write observations, share ideas/collaborate</li> <li>Brainstorming Topic Lists</li> <li>Writers' Notebooks</li> <li>Webbing</li> <li>Sketch Journals</li> <li>Writing Invitations i.e. Picture Setting or Group Composed Book or Pen Pals</li> <li>Storyboards</li> <li>Authors Folders</li> </ul>
Gaining New Perspectives	3. Peer conferences	<ul> <li>Uninterrupted Writing Time</li> <li>Authors Circles (for audience perspective regarding in-process drafts or rough drafts – focus on MEANING, not on conventions) "Does it make sense?"</li> <li>Share drafts (read own piece to group of 2 or 3 listeners) – Before reading, tell authors why he/she brought this piece to Authors Circle (what part of the piece does the author want response to or suggestions on)</li> <li>Listeners restate what they heard before asking any questions</li> <li>See how other authors handle suggestions, solve problems, revise pieces</li> <li>Discuss writing strategies</li> <li>Author Talk Time – talk in small groups or as whole class about what writers found significant or problematic that day</li> <li>Study Group – Researching a certain genre or content that they are writing about in their work (i.e. mysteries, pollution</li> </ul>
Attending to Difference	4. Revision, self- editing	<ul> <li>Modeling by teacher important</li> <li>Writer determines what to revise and what not to revise – maintain ownership.</li> <li>Self-editing for spelling, punctuation, capitalization</li> <li>Use checklists</li> <li>Look at personal goals</li> <li>Do not require copying over before submitting to Editors Table</li> </ul>
Sharing What Was Learned	<ul><li>5. Editors' Table</li><li>6. Publication</li><li>7. Celebration</li></ul>	<ul> <li>Editors Table:</li> <li>Shift in perspective –seeing the purpose of writing is "to be read" and thus the need for conventions to show regard for the reader</li> <li>Learn and practice the rules of spelling, punctuation, capitalization, grammar</li> <li>Recognize importance of conventions as read other people's work</li> <li>Editors are part of the "real world" – all published writing is edited.</li> <li>Writing that is not going to be published does not have to be edited</li> <li>Read first for making sense, and then for conventions</li> </ul>

		Formal/Informal Publication
		<ul> <li>Formal/Informal Publication</li> <li>Must have an audience, a purpose, and continuous use</li> <li>Group &amp; individual books, newspapers, class magazines, displays in class and hallway, posters, games, invitations, announcements</li> <li>Performance to outside audience (i.e. families)</li> <li>Authors Chair – reader sits in Authors Chair and reads own writing to class or small group (informal publication). Often will be first draft that students like to share.</li> <li>Celebrating Authorship (i.e. having Author Teas to invite other students, principal, parents, enjoy refreshments)</li> </ul>
Planning New Inquiries	Reflection, Learning Logs, Strategy Lessons	<ul> <li>Upon completion of a piece, students examine what they learned, how they learned, and their goals for learning</li> <li>"What have I learned from this piece of writing and this experience that I want to remember and use another day?"</li> <li>"How does the strategy I used affect my writing?"</li> <li>Self-evaluation, Reflection, or Learning Log may be put in Authors Folder or Portfolio. Students observe over time.</li> </ul>
		Strategy Lessons     Self-correction     Self-monitoring for meaning during reading     Talking with a neighbor     Reading drafts aloud to someone else     Brainstorming with someone     Student-led: i.e. "How I create suspense"     Three parts: Experience it, Verbalize it, Reflect on it.
Taking Thoughtful New Action	Invitations for Action	Some Invitations to Action:  Pen Pals  Personal Journals  Message Board  Getting to Know You  Family Stories  Picture Setting  Written Conversation  Learning Logs  Literature Logs  Science Logs  Math Logs  Community Logs  Group Composed Books  Take a risk and try new genres, topics, & strategies.
		rake a nok and try new genres, topics, α strategies.

# MATHEMATICS: PROBLEM SOLVING AND INDEPENDENT PROJECTS

Essential Question: In a third grade classroom, how can daily MVP (Most Valuable Problems) and Independent Projects help students become effective mathematicians and problem-solvers?

GOAL	ASSESSMENT	ACTIVITY				
REPERTOIRE OF PROBLEM-SOLVING STRATEGIES  Collaboration Sharing of Strategies  Math and Writing: "Explain your Reasoning"  Students accumulate a wide variety of problem-solving strategies that they are able to select from and explain why (orally and written).	PROBLEM SOLVING:  Is student careful to understand the problem before beginning work? Can student restate the problem?  Does student brainstorm with any peers prior to choosing a strategy?  Does student use an appropriate strategy?  Does the student assess the validity of his/her answer?  Does student use the same strategy every time? Which strategies has the student not yet used?  REASONING & PROOF  Does student make and observe patterns in mathematics?  Does student make conjectures based on reasoning?  Does student justify process and results?  COMMUNICATION  Is student able to put his/her thought process into words? Does he/she effectively communicate (in writing and orally) his/her reasoning behind choosing that strategy?  CONNECTIONS  REPRESENTATIONS	✓ Use a variety of strategies for solving problems:  □ Act out or use objects □ Make a picture, diagram, model □ Make an organized list, table, graph □ Guess and Check □ Look for a pattern □ Work backwards □ Logical Reasoning/thinking □ Make it simpler □ Brainstorming □ Estimate □ Eliminate irrelevant information  ✓ Communicate Strategy ("explain your reasoning") – Put metacognitive thought process into words (orally and written)  ✓ Collaborate with other students ✓ Apply to real life: Create a				
MATH-LITERATURE CONNECTION	<ul> <li>Observe what the students do to help them decide on a strategy? (i.e. draw pictures, circle key information, cross out unnecessary information, talk to a neighbor or collaborate with a small group, act it out?)</li> <li>Listen to how students discuss the characters and plot of the story while working on the problems, and when they explain their strategies and solutions. Do they comment on whether or not the solution would make sense in the context of the story?</li> <li>Do the students make conjectures based on the solution (wonder or predict how it would affect the story)?</li> <li>Observe and listen while students create story problems based on their own stories – what strategies are most commonly used for solving the problems they create? How can I help them create problems that use different strategies?</li> </ul>	problem for peers to solve.  Students connect math to literature:  ✓ Students solve and create story problems after hearing a picture book being read aloud.  ✓ Students may create story problems for stories they have written during Writers' Workshop.				
MATH INQUIRY: Student-designed Projects connecting math to real life.	<ul> <li>Read Students' Math Mini-Project Planning Guides:         Are students clear about their process and product,         their timeline, and the materials they will require?         Do they draw a sketch or diagram, or make an         outline or a storyboard?         <ul> <li>Listen to the student's explanation during the               planning conference? Is the student able to                  communicate his/her plan and reasoning?</li> <li>Look at the rubrics filled out by students. How do                  the students assess their Habits of Work, Math                  Content and Concepts Applications, and                  Organization and Format?</li> </ul> </li> <li>Read the Project Reflections written by students.</li> </ul>	Math Mini-Projects (based on the book, It's Time: Celebrating Math with Projects by Wilson & Cutting, and as implemented in the grade 4-5 classroom of Dawn Pisel in Juneau, Alaska) ✓ Invent, Design (Write a plan), Create, Assess with a rubric, Present, & Write a Reflection on (independently or collaboratively) a project that applies math concept to real life.				

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# New York State Standards for English Language Arts

GOAL	OBJECTIVE																			
ELA Standard	Content									Dο	rfor	mano	Δ.							
(Listen, Speak, Read, and Write)	Content										1101	manc	, <del>C</del>							
Standard 1:	Α	S	L	i s				e r	S	а	n	d			e a	d	е	r	S	
Language for	•	Colle	ct data	a, fac	ts, an	nd id	eas.			Gather referer										
Information and	_	Diago		lation	مامام			- 4-		bulletir	n boa	ards,	audic	and	media	pres	entati	ons	, oral	
Understanding:	•		over re genera		-	s, co	nce	ois,		intervion				such	forms	as ch	arts, (	gra	phs,	
Students will										•		Ū								
listen, speak,	•		knowle							Select investi										
read, and write for information		-	writter		d elec	tron	ıcall	/			_									
and understanding.		prout	uced te	exis.						Select noteta										
										Ask sp	ecifi	ic que	estion	s to c	clarify a	and ex	ktend	me	aning	9
Key Words: Information and Comprehension										Make a construit about unders difficul	uct r a su stand	nean bject ding o	ing fro , struc	om pr ctural	int, sue	ch as ontext	prior clues	kno s, a	owled nd ar	i
								Support inferences about information and ideas with reference to text features, such as vocabulary and organizational patterns						1						
	Α	S	S		e a				s	a	n	d		W	r i	t	е	r	S	
	•	Use oral and written language that follows the accepted conventions of the English language to acquire,						Preser written reports	forr	ทร รเ	ich as	sum	maries	s, para				f		
		interpret, apply, and transmit language.					Select a focus, organization, and point of view for ora and written presentations						al							
		<ul><li>✓ Acquire language</li><li>✓ Interpret language</li><li>✓ Apply language</li></ul>						Use a inform effect,	atior	n suc	h as c	chron	ologica	al orde			and			
		✓ Transmit language					Use de experi													
										Include materi	-	evan	t infor	matic	n and	exclu	de ex	trai	neous	5
										Use the proofest construction	eadir	ng (th	ie "wr	iting <sub>l</sub>	proces					
										Obsers spellin senter written	g, pu	unctu and p	ation,	and	capital	izatio	n, as	we	ll as	

ELA Standard		D (
(Listen, Speak, Read, and Write)	Content	Performance
Standard 2:	As Listener	s and Readers
Language for Literacy Response and Expression	<ul> <li>Read/ listen to oral, written, and electronically produced texts and performances from American and world literature.</li> </ul>	Read a variety of literature of different genres: picture books; poems; articles and stories from children's magazines; fables, myths and legends; songs; plays and media productions; and works of fiction and nonfiction intended for young readers
	Relate texts and performances to their own lives.	□ Recognize some features that distinguish the genres and use those features to aid comprehension
Key Word:	Develop an understanding of the diverse social, historical, and	<ul> <li>Understand the literary elements of setting, character, plot, theme, and point of view and compare those features to other works and to their own lives</li> </ul>
Schema Connection	cultural dimensions the texts & performances represent.	☐ Use inference and deduction to understand the text
		Read aloud accurately and fluently, using phonics and context cues to determine pronunciation and meaning
		□ Evaluate literary merit
	As Speaker	s and Writers
	Use oral and written language that follows the accepted conventions of the English language for self-	☐ Present personal responses to literature that make reference to the plot, characters, ideas, vocabulary, and text structure
	expression and artistic creation.	<ul> <li>Explain the meaning of literary works with some attention to meanings beyond the literal level</li> </ul>
		☐ Create their own stories, poems, and songs using the elements of the literature they have read and appropriate vocabulary
		<ul> <li>Observe the conventions of grammar and usage, spelling, and punctuation</li> </ul>

ELA Standard (Listen, Speak, Read,	Content	Performance
and Write) Standard 3:	As Listener	s and Readers
Language for Critical Analysis and Evaluation: Students will listen, speak, read, and write for critical analysis and evaluation.  Key Word: Evaluation	Analyze experiences, ideas, information, and issues presented by others using a variety of established criteria.	Read and form opinions about a variety of literary and informational texts and presentations, as well as persuasive texts, such as advertisements, commercials, and letters to the editor  Make decisions about the quality and dependability of texts and experiences based on some criteria, such as the attractiveness of the illustrations and appeal of the characters in a picture book, or the logic and believability of the claims made in an advertisement  Recognize that the criteria that one uses to analyze and evaluate anything depend on one's point of view and purpose for the analysis  Evaluate their strategies for reading and listening critically (such as recognizing bias or false claims), and understanding the differences between fact and opinion)
		and adjust those strategies to understand the experience more fully
	As Speakers	
	<ul> <li>Use oral and written language that follows that accepted conventions of the English language to present, from a variety of perspectives, their opinions and judgments on expenses, ideas, information, and issues.</li> <li>✓ Variety of perspectives</li> <li>✓ Opinions &amp; judgments</li> </ul>	<ul> <li>Express opinions (in such forms as oral and written reviews, letters to the editor, essays, or persuasive speeches) about events, books, issues, and experiences, supporting their opinions with some evidence</li> <li>Present arguments for certain views or actions with reference to specific criteria that support the argument (e.g., an argument to purchase a particular piece of playground equipment might be based on the criteria of safety, appeal to children, durability, and low cost)</li> <li>Monitor and adjust their own oral and written presentations to meet criteria for competent performance (e.g., in writing, the criteria might include development of position, organization, appropriate vocabulary, mechanics, and neatness. In speaking, the criteria might include good content, effective delivery, diction, posture, poise, and eye contact)</li> <li>Use effective vocabulary and follow the rules of grammar, usage, spelling, and punctuation in persuasive writing</li> </ul>

ELA Standard (Listen, Speak, Read, and Write)	Content	Performance
Standard 4:	As Listeners and Readers	Listening and Speaking
Language for Social Interaction: Students will listen, speak, read, and write for social interaction.  Key Word: Communication	Use the social communication of others to enrich their understanding	□ Listen attentively and recognize when it is appropriate for them to speak.
	of people and their views.	<ul> <li>Take turns speaking and respond to other's ideas in conversations and familiar topics</li> </ul>
		☐ Recognize the kind of interaction appropriate for different circumstances, such as story hour, group discussions, and one-on-one conversations
	As Speakers and Writers	Reading and Writing
	Use oral and written language that follows the accepted conventions of the English language for effective social communications with a wide variety of people.	<ul> <li>Exchange friendly notes, cards, and letters with friends, relatives, and pen pals to keep in touch and to commemorate special occasions</li> </ul>
		<ul> <li>Adjust their vocabulary and style to take into account the nature of the relationship and the knowledge and interests of the person receiving the message</li> </ul>
		<ul> <li>Read and discuss published letters, diaries, and journals to learn the conventions of social writing</li> </ul>