Interdisciplinary Unit

First Grade Unit 1

2015-2016

Concept: INQUIRY

Essential Question:

How does asking good questions help us to get the best answer?

Deepening Questions:

How and why do I need to be a good citizen?

How do I ask questions about a story?

Why is it important to ask questions while you are reading?

What kinds of questions do I need to ask in order to find out information?

Why is it important different strategies to help me understand informational text?

How do we solve addition and subtraction sentences to solve real world problems with and without concrete objects?

What are the different strategies I can use when solving addition and subtraction problems?

What questions do I need to ask and answer to solve math story problems?

What can I learn when I ask questions about American history?

What kind of questions should I ask when I want to know more about someone?

How do I share what I know about a person?

Suggested Trade Book Resources:

Know and Follow the Rules by Cheri J. Meiners

Henry and Mudge and the Starry Night (, Lexile: 440, GR: J)

Tomas and the Library Lady (Lexile: 4400)

That is Not My Hat! (Lexile: 340, GR J)

Animals on Board by Stuart J. Murphy (Lexile: 260, GR: H)

Mission: Addition by Loren Leedy (Lexile: 410, GR: N)

The Grapes of Math (GR: N)

The Very First Americans by Cara Ashrose (Lexile: 670, GR:O)

Sarah Morton’s Day by Kate Waters (Lexile: 700, GR: Q)

If I Were President by Catherine Stier

What is the Story of Our Flag? By Janice Behrens (Lexile: 570, GR: K)

I Am Rosa Parks by Brad Meltzer (Lexile: 460, GR: N)

Tomas Rivera by Jane Medina (Lexile: 300, GR: G)

Hook:

Look at Children’s Games by Pieter Bruegel. Ask the students to study it closely for a few minutes and write down any questions they have about what they see. When the time is up, have them ask their questions. As the students begin to ask questions aloud, write all of the questions on a chart (e.g., “What are they doing? Is that like a hula hoop? Was this painted a long time ago? . . .”). Concentrate on developing students’ questions into these categories: Who, What, Why, How, Where. Sort each of the questions into the categories shown above and invite students to ask even more questions.

Talk about the value of asking questions and how we begin to open our minds to think deeply about something. (The painting was done in the sixteenth century, and the artist was perhaps trying to show all of the games he knew. You may want to note the few toys children had—sticks, hoops, etc.) (SL.1.2)

**Section 1: Citizenship**

How and why do I need to be a good citizen?

(States: All)

* What is a Citizen?
  + - Being a good citizen (TPT $4) <https://www.teacherspayteachers.com/Product/Being-a-Good-Citizen-A-K1-Social-Studies-Unit-925089>
  + Rights and Responsibilities
* School Citizenship
  + People in the School
  + School Rules
  + Respect and Responsibility in School
* Community Citizenship
  + - Me and My Community unit (attachment)\*\*\*save Me on the Map for unit 3
  + People in Communities
  + Community Rules
  + Respect and Responsibility in Communities

**Section 2: Questions about Stories**

(States: All)

Deepening Questions:

How do I ask questions about a story?

Why is it important to ask questions while you are reading?

* Learning question words
  + Who, Where, What, When, Why, How
    - WH question posters (attachment(
    - Use question words to answer questions (school related books): https://www.teacherspayteachers.com/Product/First-Grade-Common-Core-RL11-Back-to-School-834114
    - Tomas and the Library Lady:
  + Questioning “Before, During, After”
    - That Is Not My Hat! : <http://luckeyfrogslilypad.blogspot.com/2013/10/the-perfect-book-to-teach-asking.html>
  + “I wonder…” and “I learned….”
* Story Map: (characters, setting, problem, solution)
  + Using a story map (fiction)
    - Henry and Mudge
      * Activities here: <http://www.readwritethink.org/classroom-resources/lesson-plans/guided-reading-strategies-with-30510.html?tab=3#tabs>
* Asking questions reading a text
  + Ask and answer questions (close reading)
    - Asking Questions pack (TPT $5.50): <https://www.teacherspayteachers.com/Product/Ask-and-Answer-Questions-First-Grade-RL-11-1754459>
* Asking or Telling
  + Identifying asking/telling
    - Identifying asking/telling sentences (attachment)
  + Writing question sentences
    - Question Words (fill in the blank) attachment)
    - I Mustache you a question pack (TPT $2.50): <https://www.teacherspayteachers.com/Product/I-Mustache-You-A-Question-Writing-Activity-More-484679>

**Section 3: Questions about Texts (Informational Texts)**

\*\*\*Can be combined with Section 4 (American history) and Section 5 (biographies)

(States: All)

Deepening Questions:

What kinds of questions do I need to ask in order to find out information?

Why is it important different strategies to help me understand informational text?

* Asking questions about informational texts (what, how, etc.)
  + - Resources and passages: (TPT $2) <https://www.teacherspayteachers.com/Product/RI11-First-Grade-Common-Core-Worksheets-Activity-and-Poster-372094>
* Comparing questions: fiction vs. informational texts
* Using strategies
  + 3-2-1 strategy
    - Lesson plans and resources here: <http://www.readwritethink.org/resources/resource-print.html?id=951>
  + KWL strategy
* Practice “Close Reading”

**Section 4: Questions about Math (Story Problems)**

(States: All)

Deepening Questions:

How do we solve addition and subtraction sentences to solve real world problems with and without concrete objects?

What are the different strategies I can use when solving addition and subtraction problems?

What questions do I need to ask and answer to solve math story problems?

* Basic Addition (Addition Concepts)
  + - **Chapter 1 (My Math)**
  + Introduction to Addition Strategies
  + Model Addition
  + Addition Number Sentences
    - Addition sentence gathering nuts (attachment)
  + Add to 0
  + Vertical Addition
  + Writing a Number Sentence (problem solving strategy)
  + Ways to Make
    - Make 4 and 5
    - Make 6 and 7
    - Make 8
    - Make 9
    - Make 10
      * Building 10 activity: http://firstgradewow.blogspot.com/2012/11/building-10.html
  + Find Missing Parts of 10
  + True and False Statements
* Basic Subtraction (Subtraction Concepts)
  + - **Chapter 2 (My Math)**
  + Subtraction stories
  + Model subtraction
  + Subtraction Number Sentences
  + Subtract 0 and All
  + Vertical Subtraction
  + Draw a Diagram (problem solving strategy)
  + Compare groups
  + Subtract amounts
    - From 4 and 5
    - From 6 and 7
    - From 8
    - From 9
    - From 10
  + \*\*\*Save relating addition and subtraction for Interdisciplinary Unit 2: Relationships
* Addition Strategies to 20
  + - **Chapter 3 (My Math)**
    - Addition strategies flipbook (attachment)
    - Math thinking patterns-addition (attachment)
    - Addition count on pocket (attachment)
    - Build it to find the sum (attachment)
* Subtraction Strategies to 20
  + - **Chapter 4 (My Math)**
* Math story problems
  + - Addition word problem (attachment)
    - Castles in the sand (attachment)
    - Addition story problems-hens (attachment)
* Strategies for solving story problems
  + - First grade word problems (demonstrate different strategies) (attachment)
    - Draw a story problem (attachment)

**Section 5: Our Country’s History**

(States: all, see additional notes)

Deepening Question:

What can I learn when I ask questions about American history?

* Sequencing Time (months/years and past/present/future)
  + Using a Calendar (especially for Michigan, Indiana)
    - * Long ago/today Long ago/today worksheet (attachment)
      * Then and now worksheet (attachment)
    - What are artifacts? Looking at historical artifacts (photographs, movies, object)
    - Timeline of Me (Indiana and Minnesota)
      * + Timeline of Me (attachment)
    - Families
      * PERFORMANCE TASK: Draw and label a caption of your family from long ago and today.
    - Communication
    - Schools
      * One Room Schoolhouse close reading passage (attachment)
    - Transportation
  + Long Ago/Today worksheets (attachment)
    - <http://www.fantasticfirstgradefroggies.com/2014/11/then-and-now-freebie.html>
* The First Americans
  + Native Americans
    - Native American homes close reading passage (attachment)
    - Related books and activities: <http://mrsbumgardners1stgradeclass.blogspot.com/2011/11/this-past-week-we-have-been-learning.html>
    - Native American Pow Wows close reader (attachment)
  + Trade between Native American groups (Illinois)
  + First settlers (early colonies)
    - How Did Pilgrim Children Live close reading passage (attachment)
    - First Thanksgiving and other info. Link: <http://www.scholastic.com/scholastic_thanksgiving/>
  + Freedom for America
  + Beginning, Middle, End (historical stories)
* America’s Past and Present
  + American Government
    - Elections/Voting
    - President and other Government Figures
      * If I Were President writing prompt (attachment)
    - Constitution and Bill of Rights (right and responsibilities)
  + US symbols now and then
    - A is for America (wegivebooks.org): <http://www.wegivebooks.org/books/a-is-for-america>
    - American’s symbols packet (attachment)
    - A Star Spangled Song close reading passage (attachment)
    - Celebrate Flag Day close reading passage (attachment)
    - A Great Statue close reading passage (attachment)
  + Famous people in America’s past/Famous Americans
    - Nick Visits the Lincoln Memorial close reading passage (attachment)
    - Historical figures hat’s off unit (attachment)
    - TPT unit (about $7): http://www.teacherspayteachers.com/Product/American-Heroes-Common-Core-Informational-Reading-and-More-481166
* Heroes and holidays
  + American Heroes
    - See above under famous Americans
  + Local Heroes (Indiana)
  + National holidays
    - Memorial Day, Veterans Day, Presidents’ Day, Dr. Martin Luther King Jr. Day, Thanksgiving, 4th of July
* American Folktales (Indiana)
  + - American Folktales Match (attachment)
    - American Folktale unit (TPT $5) <https://www.teacherspayteachers.com/Product/American-Folktales-357454>

**Section 6: Questions about People (biography) \*\*\*overlaps with famous American people**

(States: all)

Deepening Questions:

What kind of questions should I ask when I want to know more about someone?

How do I share what I know about a person?

* + - Biography Unit (TPT $5): <https://www.teacherspayteachers.com/Product/What-is-a-Biography-A-Fun-Writing-Unit-1067128>
  + Interview Questions
    - Biography questions (attachment)
    - Interview with a Friend (TPT $4): <http://www.bloglovin.com/blogs/teaching-with-love-laughter-3754591?post=2839167989&group=0&frame_type=a&context=expanded_post&context_ids=&blog=3754591&frame=1&click=0&user=0&viewer=true>
  + Creating a timeline
    - Rosa Parks timeline (TPT $1): <https://www.teacherspayteachers.com/Product/Rosa-Parks-Timeline-for-Kindergarten-and-First-Grade-Social-Studies-1174380>
    - MLK timeline (attachment)
    - Famous Americans timeline (attachment)
  + Organizing Information
    - Biography Presentation Poster (attachment)
  + PERFORMANCE TASK: My Biography of \_\_\_\_\_\_. Write a biography of a famous American.

Biography texts:

* + - A Man Who Like Apples close reading passage (Johnny Appleseed) (attachment)
    - Martin Luther King, Jr. close reading passage (attachment)
    - The Story of Martin Luther King Jr. (wegivebooks.org): <http://www.wegivebooks.org/books/free-at-last>
    - Back of the Bus (Rosa Parks): (wegivebooks.org): <http://www.wegivebooks.org/books/back-of-the-bus>
    - Tomas Rivera: (connect to fiction story “Tomas and the Library Lady” <http://www.amazon.com/gp/product/0152051457?ie=UTF8&camp=1789&creativeASIN=0152051457&linkCode=xm2&tag=thereadsection-20>

**Section 7: : Objects in the Sky**

States: Illinois, Wisconsin

Deepening Questions:

What changes do I see in the sky?

NGSS:

1-ESS1-1. Use observations of the sun, moon, and stars to describe patterns that can be predicted.

1-ESS1-2. Make observations at different times of year to relate the amount of daylight to the time of year.

* + - Space Unit (TPT $7.50): <https://www.teacherspayteachers.com/Product/Space-Unit-121903>
* The Sky Above
  + Stars, Sun, Moon
  + Night
    - Night sky splat the cat (attachment)
  + Importance of the Sun
* Earth Moves
  + Day and Night
  + Causes of day and night (rotate)
  + Movement in a year (revolve)
* Earth’s Neighbors
  + Phases of the moon
    - Moon activities: <http://firstgradewow.blogspot.com/search/label/moon>
    - A trip to the moon close reading passage (attachment)
  + Planets