



Smarty Activity

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App: *Treasure Kai and the Lost Gold of Shark Island*

Activity Title: *Researching Quicksand*

**Approximate Grade Level(s): 2-4
Subject(s): Language Arts, Science**

Student-Friendly Objective:

- **I will brainstorm a topic about quicksand, and I will then present important facts about my topic.**

Common Core Standards:

Language Arts: Reading: Informational Text, Writing, Speaking & Listening, Language

- **W.2 – Write informative/explanatory texts to examine a topic and convey ideas and information clearly.**
- **SL.5 – Create engaging audio recordings of stories or poems that demonstrate fluid reading at an understandable pace; add visual displays when**

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appropriate to emphasize or enhance certain facts or details.

- **L.3 – Use knowledge of language and its conventions when writing, speaking, reading, or listening.**
- **RIT.2 – Determine the main idea of a text; recount the key details and explain how they support the main idea.**

Bloom’s Taxonomy:

- **Remembering: list**
- **Understanding: restate**
- **Applying: produce, illustrate**
- **Analyzing: categorize**
- **Evaluating: select**
- **Creating: create, design**
-

Prior Knowledge Needed:

- **iBrainstorm app**
- **ShowMe presentation app**

Pre-Activity Interest:

- **Watch Fun Fact Video regarding quicksand on Treasure Kai site: <http://treasurekai.com/fun-fact-videos/>.**
- **Discussion: How does this video help you understand quicksand?**

Direct Instruction:

- **Discuss what the video teaches about quicksand.**
- **Assign possible topics regarding Quicksand: movies about quicksand, You Tube videos about quicksand, Science Texts or online texts about quicksand.**

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- ***This activity requires that the instructor accumulate the media topics on quicksand.**
- ***Preview the videos and texts before assigning them as a topic.**

Smarty Activity:

- **iBrainstorm:**
Page 1: Given an assigned topic regarding quicksand (above), use this app to list all of the facts about the topic – type or handwrite.
Page 2: Organize the facts into categories using the sticky notes.
Page 3: Draw or upload a picture that represents something that you have learned.
Save to photo library and email to teacher/parents.
- **Show Me**
Using what you learned in iBrainstorm, prepare a presentation that answers the question, “What is quicksand?” and include the following:
3 minute time limit
Title of topic
Picture of topic
Important facts/categories about topic
End with summary sentence.

Rehearse

Revise

Record (App will record your voice and writing.)

Present

Email or Post

Assessment:

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- **Assessment or grading is an individual choice; however, keep your Common Core Standards in mind while creating your assessment.**
- **Create the assessment prior to giving the students the activity. Share it with the students before they begin the activity so that they will know “up front” how they will be assessed.**
- **Use your favorite search engine to locate assessment rubrics. One of my personal favorites is rubrics4teachers.com.**

Required Materials and Equipment:

- **App *Treasure Kai and the Lost Gold of Shark Island***
- **iBrainstorm app**
- **Show Me app**
- **iPad 2/camera**
- **Projector**
- **Internet**
- **Sources for topic research**

Technology Note: The technological references stated in this activity are not exclusively required, but are indicative of your possible choices.

Bibliography

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