5th Grade

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Kit: Sun, Moon, and Stars

Investigation #2, Part 2: Phases of the Moon

Big Idea: How does the shape of the Moon change over 4 weeks?

Hook: What exactly are we seeing when we see the Moon?

Necessary Prior Knowledge:

-The Earth orbits the Sun

-The Moon orbits the Earth

\*Students will start charting the Moon prior to this lesson

\*\*Additional Teacher knowledge can be found on p 76-78

Suggested Adaptations/Improvements:

* Begin this investigation shortly after charting the Moon, so they overlap. Otherwise, there will be no time to get into Investigation #2.
* The text says to leave 7 sessions for this investigation, we adapted it to 5
* Extension to LA Standards of Myths/Folktales
* Extension to “Math Problem of the Week” from science text p.34

Reflections/Concerns:

-Time change

- Time allotted in class

-Investigation is less inquiry based

Timing:

Day 1: Moon Phase Modeling Activity, Notebook, discussion

Day 2: Review, notebook, video, notebook

Day 3: Review, notebook, Phase of Moon-1 cut out activity

Day 4: Discussion, Phase of Moon – 2 activity

Day 5: Read text and complete notebook

Other Materials:

* Native American Stories, Language Arts notebook
* Math notebook

QIP & SIP:

They are present in this investigation, but there is not as much inquiry