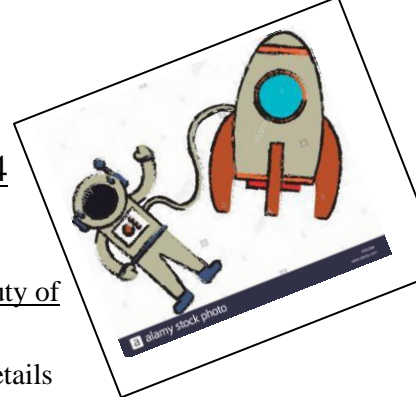


ACTS ASTRONOMY UNIT STUDY--GRADES 3&4

Reading material: Abeka Grade 4
Understanding God's world



10/18

First Class on Astronomy! Wonders of the night sky, The Star of Bethlehem, the beauty of the solar system Read: Understanding God's World (UGW) 193-196

Complete: Comprehension check 9.1.

Reports: Sign up for report topic for astronomy—due date is 11/4—see handout for details

Website Resources:

<http://www.youtube.com/watch?v=lgNdN9ugs3o>

Above Website resource title is 'Children's: Planets (gives information on each planet and about rotation of the planets.

<https://vimeo.com/139407849>

This is a very cool video of mapping the planets on a large open space in the desert

<http://www.youtube.com/watch?v=jbxJsbNHFYw&feature=re=relmfu> Above video is titled 'space school—strange things' Very interesting!

Classtime: Order of planets from the sun.

What happened to Pluto?

What makes each planet different from the others?

10/25

Constellations

Prior to class:

Read: UGW 197-204

Complete: Comprehension check 9.2 & 9.3

Website Resources: <http://www.youtube.com/watch?v=89VFb9t69nM> Above website title is Astronomy—Orion (3min41sec video— excellent!)

<http://www.youtube.com/watch?v=hepzUgFhgis&feature=relmfu>

Above website title is Ursa Major-the Big Dipper (3min35sec video—excellent!)

<http://www.youtube.com/watch?v=NJw9Rog97m4&feature=related>

Above website title is 'why Pluto isn't a planet-beyond our earth'

Classtime: explore the most commonly known constellations

11/1

The Sun

Prior to class:

Read: UGW 205-208

Complete: Comprehension check 9.4 <http://www.youtube.com/watch?v=1Swmddp6GKg&feature=fvwrel>

Above website is titled 'space school—the sun' Excellent information on the sun.

Classtime:

Layers of the sun & Building a model of the sun

11/8

The moon

Prior to class:

Read: UGW p209-212

Complete: Comprehension check 9.5

Website suggestion:

<http://www.youtube.com/watch?v=0HtG9opCmOE&feature=related>

Above resource is titled "Space School, the moon". Very interesting.

Classtime: activities covering the surface of the moon.

11/15

Student Astronomy Reports

Prior to class: Work on Reports Classtime:

Student Astronomy Reports

See handout for report guidelines

