



Earth Science - Week at a Glance

Monday

Last day to work on
Big Bang Webquest!

Tuesday

Astronomers research
and resumes

Wednesday

No science 😞

Thursday

Size and scale notes
Cosmos Episode

Friday

Astronomers through
history



Monday

Tasks

- ☐ Bellringer question!
- ☐ Finish big bang webquest and review CER's

Success Criteria

I am learning...

- ☐ ...to identify evidence for the big bang
- ☐ ...how scientists and astronomers collect/ed evidence to support the big bang theory

Bell Ringer

What is the hubble constant and how is it used as evidence for the big bang?

Homework

- ☐ Moon journal!
- ☐ Your big bang webquest needs to be turned in by tomorrow!!!

Moon Phase of the Day

The Moon's current phase for today and tonight is a Waning Crescent phase. This phase is best viewed just before the sunrise in the western sky. In this phase the Moon's illumination is growing smaller each day until the [New Moon](#). During this part of the Moon cycle, the Moon is getting closer to the Sun as viewed from Earth and the night side of the Moon is facing the Earth with only a small edge of the Moon being illuminated. It can also be a great time to see the features of the Moon's surface. Along the edge where the illuminated portion meets the dark side, the craters and mountains cast long shadows making them easier to observe with a telescope or binoculars.



Tuesday

Tasks

- ☐ Astronomer Resumes activity
- ☐ Write mini-article about the astronomer of your choosing

Success Criteria

I am learning...

- ☐ ...to use red shift as a way for tracking galaxies
- ☐ ...how sound waves and light waves can be shifted in similar ways
- ☐ ...how the view of our universe has changed over time

Bell Ringer

What is Deuterium and how does it act as one piece of evidence for the big bang

Homework

- ☐ Moon journal!
- ☐ Finish writing article

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Thursday

Tasks

- ☐ Bellringer question!
- ☐ Review Astronomers articles
- ☐ Astronomer slides
- ☐ Size and Scale Slides
- ☐ Cosmos Episode

Success Criteria

I am learning...

- ☐ ...to identify evidence for the big bang
- ☐ ...how scientists and astronomers collect/ed evidence to support the big bang theory

Bell Ringer

Pick one astronomer from your research on Tuesday, tell me about their view of the universe.

Homework

- ☐ Moon journal!

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Friday

Tasks

- ☐ Practice Test
- ☐ Study Guide

Learning Statements

I am learning...

- ☐ ...to identify evidence for the big bang
- ☐ ...how scientists and astronomers collect/ed evidence to support the big bang theory

Bell Ringer

What is the **MOST** interesting piece of evidence you have learned about as we have discussed the big bang?

Homework

- ☐ Moon journal!
- ☐ Webquest due on Monday

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