



# 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!

## Moon Phase of the Day

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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

## Moon Phase of the Day

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