

Sky Science Unit Review

Emit vs. Reflect:

Place the following sky bodies in the correct side of the chart.

Star	Pluto
Polaris	Sun
Moon	Earth
Mars	Saturn's Rings

Reflect Light	Emit Light

Parts of Space

- Solar System
- Galaxy
- Universe
- Milky Way

Order the parts of space from largest to smallest

Constellations

Explain why it APPEARS that stars travel across the night sky.

Explain why it APPEARS that stars seem to twinkle in the night sky?

Compare the shadows of midday, late morning, late afternoon, early morning.
When is the shadow the longest? Shortest? Draw a picture of what the graph of the shadows would look like.

Do shadows change in length during the seasons? Explain.

The sun rises in the _____ and sets in the _____.

Moon and the Moon Phases:

Draw and label the phases of the moon.



The moon appears to change shape because

Planets in our Solar System:

Fill in the blanks with the correct planet or word.

The planet closest to the size of the Earth is _____

The Great Red Spot is a well-known feature of _____

The only star close enough for us to study is _____

The only 2 planets without moons are _____ and _____

The Red Planet is _____

The great red spot is actually a _____

Our galaxy is the _____

Reasons for the Seasons

What causes the 4 seasons? Be sure to include what axis our earth is rotated at.

Place the planets in the following chart:

Inner Planets	Outer Planets

Another name for the Inner planets is _____.

Another name for the Outer Planets is _____.

What star seems to stay fixed in the night sky? _____

What is the best way to find it?

Discovering Outer Space

How do scientists use technology to understand space? Explain how this technology gathers information.