Earth Science Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 2: Astronomy Test Review

Explain where Earth is in relation to the Milky Way Galaxy

What causes the seasons? Why do we feel summer in June? What is happening in the Southern Hemisphere then?

How does the moon affect the tides? Which moon phases cause the highest tides? Lowest?

What happens to the Earth’s speed as it revolves around the Sun? Does it stay the same? What causes the change?

How does the Sun warm the Earth?

What shape is our galaxy? What are some other galaxy shapes?

What’s the difference between nuclear fission and nuclear fusion?

What is the Milky Way? Can we see it? What does it look like from where we stand?

What is latitude? How does latitude affect climate?

What causes the moon to revolve around the Earth?

Bigger stars use up fuel how?

Where is our Sun in it’s life cycle?

The most common gases found in stars are what two?

Why doesn’t the Sun collapse under it’s own gravity?

Know how nuclear fusion works. What temps are needed? Where does it happen? What gases are involved?

What are the stages in the life of a star? Where does a Supernova fit in?

Why do we always see the same side of the moon?

Know about temperatures based on the Earth’s tilt

What is the greenhouse effect? Explain why it is cold in the greenhouse at night, but hot during the day.

Why do plants need solar energy?

How do we measure a year? What happens in that time? How many days in a year?

What happens when the Earth, Sun & Moon line up?