Level 2 Challenge Questions:

Scientist

1. Describe the difference between biotic and abiotic?
2. Describe the phases of the moon.
3. Name 10 elements of the Periodic Table and their element symbols.
4. Name the inner planets and describe what characteristics they share.
5. Name the 5 Great Lakes.
6. What is the Olympus Moon and where is it located?
7. Name 10 amphibians
8. Tell me what a horticulturist does.
9. Does air become heavier or lighter as its temperature rises?

 10.) What are the colors a rainbow?

 11.) Name the largest and longest bone in the human body.

 12.) Name Earth’s four major spheres.

 13.) Tell me the difference between a rock and a mineral.

 14.) What does a paleontologist do?

 15.) Tell me what an atom is made of.

 16.) Is helium lighter or heavier than air? Explain.

 17.) When ice melts into water, is this a chemical or physical change?

 18.) Tell me the pH of a neutral substance?

 19.) Tell me what an element’s atomic number stands for?

 20.) Name 5 inventors and their inventions.

 21.) Name 10 deciduous trees.

 22.) Name 10 vertebrae animals.

 23.) What is the brightest planet in the sky?

 24.) Tell me what a marsupial is and give me three examples of them.

 25.) What does an anemometer measure?