Name:

Date:

Homeroom:

Scientific vs. Unscientific Thinking

LO: Describe the nature of science

SLE: Articulate ideas clearly and effectively

Describe each statement below as scientific, unscientific, or partly scientific. Give at least one reason for your decision. Every statement you make must be in complete, grammatically correct sentences. Write your responses on loose leaf paper.

1. The sun warms the earth unevenly
2. I’m 100% safe from lighting in my house.
3. My birthday falls under the sign of Gemini, so I am creative, social, and ambitious.
4. There is life somewhere in the universe.
5. Snow occurs in temperatures that are 0o C or below.
6. The Greek God Apollo is responsible for the motion of the sun.
7. Cloud seeding can be used to increase rainfall over cropland.
8. The meaning of life can be known.
9. The high temperature for Friday is predicted to be 18oC.
10. Windows should always be opened before a tornado.
11. Vaccines cause birth defects and autism.
12. The Nazca Plain in South America is the driest place on Earth.