Science Model Discussion Questions

1. What is a model in science?
   1. A visual aid that can normally be a representation of an object or idea to better understand science.
2. How do models help in science?
   1. Can help us explain certain phenomena that might not otherwise be understood.
3. Give some examples of some models we use in science.
   1. Skeletons in class
   2. Maps or Globes
   3. Slinkys to represent waves
   4. Digital sketches/drawings (architecture)
   5. Newton’s Cradle to demonstrate phenomena
4. Is it ok to have multiple models that are used to explain the same thing?
   1. Yes, they can be used in different contexts
5. Can scientists prove things true? False? How?
   1. Yes, yes, scientific method
6. Should we believe what science says? Why?­­­­
   1. Not always, use multiple sources. How good was their experiment or reasoning?