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| **Grade** | **Understanding Life Systems** | **Understanding Structures and Mechanisms** | **Understanding Matter and Energy** | **Understanding Earth and Space Systems** |
| **1** | Needs and Characteristics of Living Things | Materials, Objects and Everyday Structures | Energy in our Lives | Daily and Seasonal Changes |
| **2** | Growth and Changes in Animals | Movement | Properties of Liquids and Solids | Air and water in the Environment |
| **3** | Growth and Changes in Plants | Strong and Stable Structures | Forces Causing Movement | Soils in the Environment |
| **4** | Habitats and Communities | Pulley and Gears | Light and Sound | Rocks and Minerals |
| **5** | Human Organ Systems | Forces Acting on Structures and Mechanisms | Properties of and Changes in Matter | Conservation of Energy and Resources |
| **6** | Biodiversity | Flight | Electricity and Electrical Devices | Space |
| **8** | Cells | Systems in Action | Fluids | Water Systems |

1. Find a partner to work with.
2. Choose a topic.
3. Tell Mrs. Scrimgeour your topic – only one group per topic, first come first serve.
4. Look up the curriculum expectations for your topic
5. Read the expectations. Don’t worry if you don’t understand what some of the expectations mean.
6. Create 5 research questions for your topic based on your reading of the expectations, your interests, or ideas or concepts you’re curious about. Think about every day Science, Science careers or Science research. What do you want to know? What are you curious about?
7. Write the questions down and hand them in to Mrs. Scrimgeour.
8. One out of three Science periods, we will discuss answers related to a group’s questions and explore the topic that they have choosen.