Three types of Investigable Questions

**Descriptive Questions:** Produce qualitative or quantitative description of an object, material, organism, or event.

\*What are the characteristics of \_\_\_\_\_\_\_\_\_\_\_\_? How many\_\_\_\_\_? How often…? How much…? What happens when or if \_\_? (natural context implied; change not imposed or when you change something).

**Relational Questions:** Identify associations between the characteristics of different phenomena.

* Identification and classification questions: identify phenomena and put them into meaningful groups;
* Focused cussed comparison questions: rank a group of materials based on a specific characteristic; and
* Co relational questions: examine the extent that the presence of one variable is related to that of another variable (do not confirm cause-effect relationship).

**Cause-effect Questions:** Determine whether one or more variables cause or affect one or more outcome variables.

Does \_\_\_\_ cause/affect \_\_\_\_? How does \_\_\_\_ affect \_\_\_\_?