

**Student Discussion Worksheet****Directions:**

After reading the article provided by your teacher and reviewing the diagram, answer the following questions individually.

1. Describe the diagram included in the article. Explain the different types of information that it contains.
2. What is this diagram's purpose? Why do you think the diagram is included in the article?
3. Give an example of another diagram you have seen or used. Explain its intended purpose.

Working with a partner, answer the questions below, which relate to diagrams more generally.

4. How would you define a diagram? What is a diagram generally used for?
5. Think about various fields of science — chemistry, biology, environmental science, physics, genetics and so on. What are some examples of scientific diagrams from these fields?
6. What general steps would you take to conceptualize and draw a diagram? Explain.