

Cross-Curricular Connections, Q

Directions: Answer the questions below based on your teacher's instructions.

1. What is a system?

2. What is a model? Give an example of a model.

3. What is a scientific model, and what is its purpose?

4. Are scientific models correct representations of natural phenomena? Explain.

5. How do models typically change over time?

6. Apart from the periodic table, what is another scientific model that is discussed in the article? How is its development similar to that of the periodic table's?

7. Think about the different fields of science — chemistry, biology, environmental science, physics, genetics, and so on. What are some examples of other scientific models from these fields?