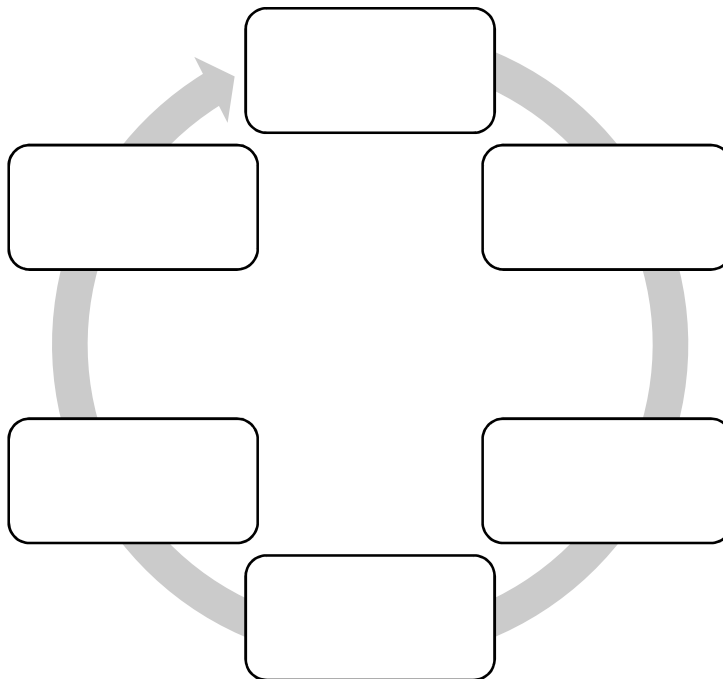


SCIENTIFIC THINKING

KEY IDEAS

1. The scientific method involves careful _____ and rigorous _____.
2. Describe the steps of the scientific method:



3. Scientific theories try to explain _____ a phenomenon occurs by proving a logical _____ for this that occur in nature.
4. Scientific theories can never be _____ they can only be _____.
5. List and explain three things that are required for a valid scientific theory:
 - i.
 - ii.
 - iii.
6. The purpose of science is to:
7. Scientific laws predict _____ happens.

NAME: _____ DATE: _____ PERIOD: _____

CHECKPOINTS

1. Search online for two different scientific theories and define them:

a.

b.

2. Search online for two different scientific laws and define them:

a.

b.

TEST PREPARATIONS

You must be able to identify the difference between a scientific theory, law, and a non-scientific idea.