Scientific Method Puzzle

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Scientific method is a process of inquiry that involves making observations, asking questions, forming hypotheses, testing predictions, analyzing data, and drawing conclusions. The scientific method helps scientists to gain knowledge and understanding of the natural world.

Here is a word scramble game for you to solve:

 O
 T
 N
 R
 O
 C
 L

 E
 A
 I
 B
 R
 V
 A
 L

 E
 H
 T
 Y
 S
 O
 S
 I

 E
 H
 T
 Y
 S
 O
 S
 I

 E
 H
 T
 Y
 S
 O
 S
 I

 A
 T
 A
 D
 V
 V
 N
 O

 N
 O
 C
 U
 S
 I
 L
 N
 O

Unscramble the following words related to scientific method:

- A factor that is kept constant in an experiment
- A factor that is changed or manipulated in an experiment
- A tentative explanation or prediction based on observations
- A procedure that tests a hypothesis under controlled conditions
- The information collected from an experiment or observation
- A logical interpretation or explanation of the data