

Earth Science: Learning About Science

Science - is a process for answering questions.

Experiment - a statement based on experiences.

Inference - a possible answer to a scientific question based on observations

Data - pieces of information collected to test a hypothesis.

Hypothesis - an activity performed to support or refute/reject a hypothesis.

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Science

Experiment

Inference

Data

Hypothesis

Place the steps of the Scientific Method in the correct order.

1. **Stating a hypothesis**
2. **Reaching a Conclusion**
3. **Forming a question**
4. **Collecting Data**
5. **Observation**

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Qualitative data =

Quantitative data =

Different Types of Sciences

- is the study of how and why things move

- is the study of matter.

- is the study of living things

- is the study of stars and planets and anything else that is in space

- includes the study of how Earth's surface changes, the study of rocks and rock formations, and the study of fossils.

- is the study of living things and how they interact with each other and their environment.

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Chemistry

Ecology

Physics

Biology

Earth Science

Astronomy