Science is something anyone can do. Doing science makes you a scientist! By doing science, scientists gain a better understanding of the world around them and share their findings with the whole world.

Observe Nature

Communicate Conclusions

Ask Questions & Develop a Hypothesis

Construct Explanations from Evidence

Plan & Conduct an Investigation

Analyze & Interpret Data

The GLOBE Science Process

The GLOBE Program

National Aeronautics and Space Administration

www.globe.gov
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GLOBE Science Process

Observe Nature

Looking at the world around you is an important step in scientific research. Your natural curiosity can lead to important discoveries that start with a question.

Communicate Conclusions

Share your findings with your peers, community, and others to let the world know what you have discovered. This can be done in-person, virtually, or through publications.

Ask Questions & Develop a Hypothesis

Brainstorm questions you wish to investigate. Select one research question to investigate and form a hypothesis, a testable, measurable statement intended to address the question.

Construct Explanations from Evidence

Reports or posters should follow a well-structured format that clearly conveys the details of your investigation and aligns with the science process. Data should support your explanations.

Plan & Conduct an Investigation

Develop a detailed research plan. Identify all materials, time requirements, and data to be collected. Carry out the investigation and submit collected data to the GLOBE database.

Analyze & Interpret Data

Analyze your data and create tables, graphs, and charts to illustrate and summarize your discoveries. Analysis should be focused on using the data to answer your stated research question(s).