
My NASA Data

Resources for Science and Engineering Practices (with Data)

Grade Band

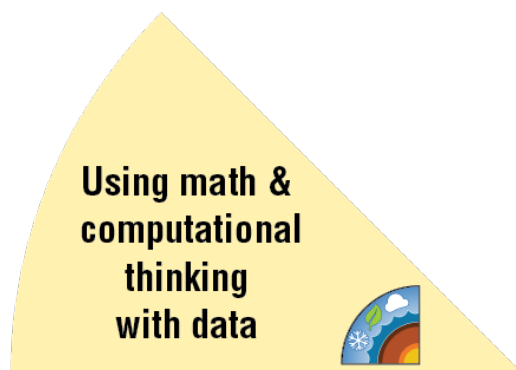
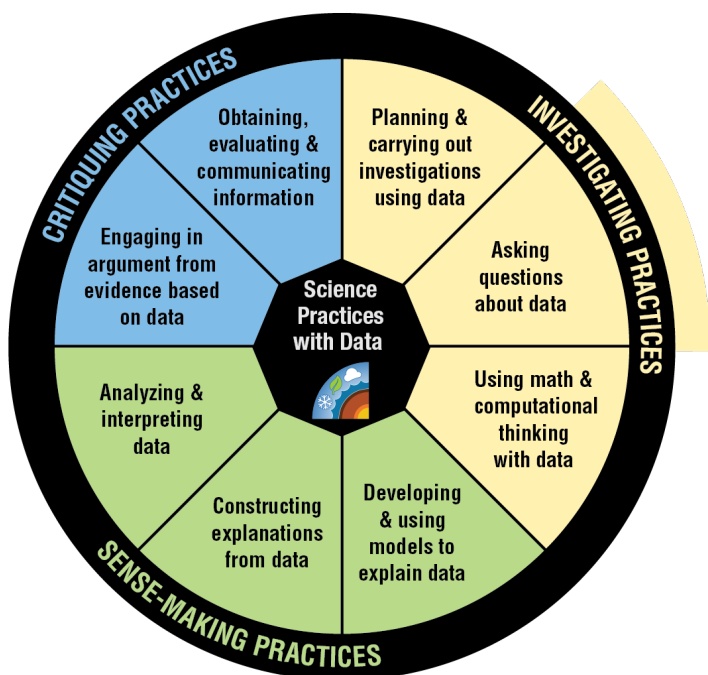
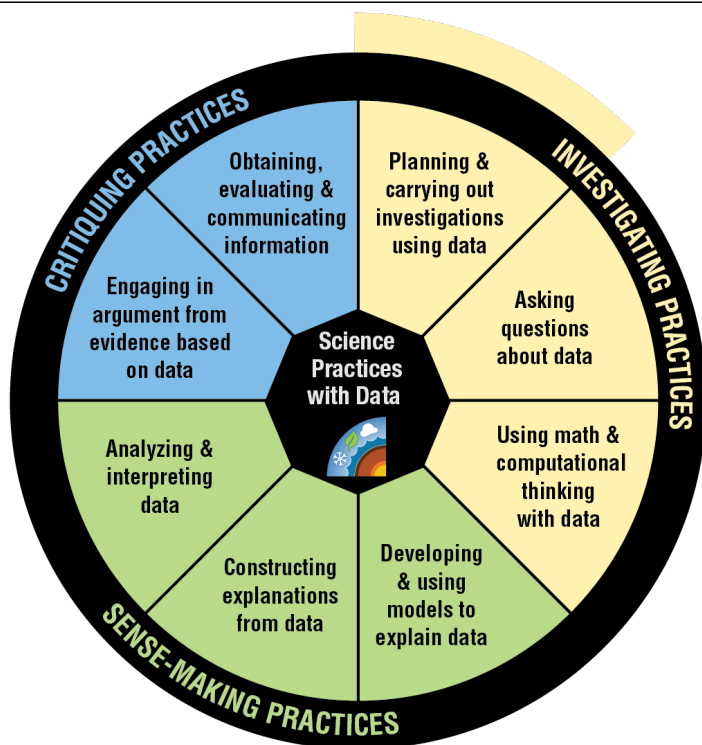
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- 6-8
- 9-12

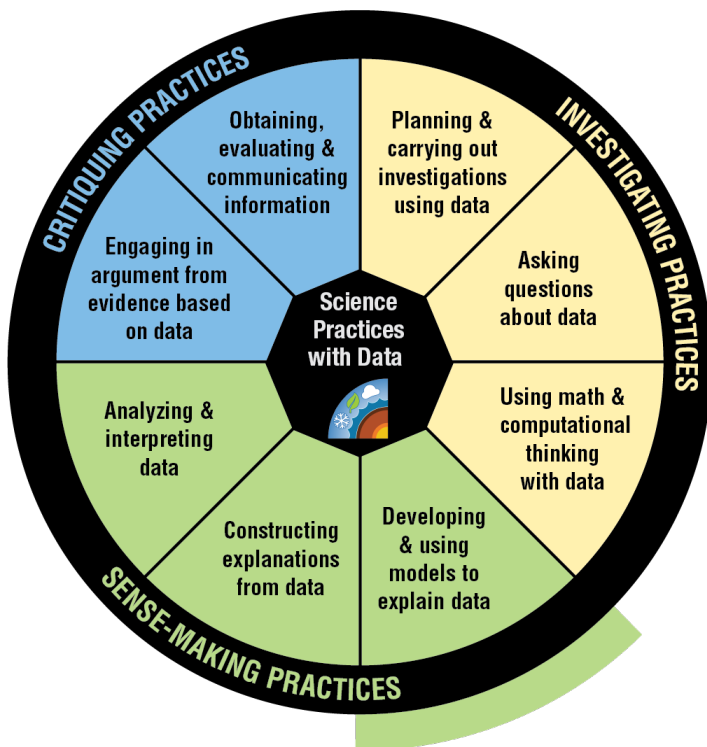
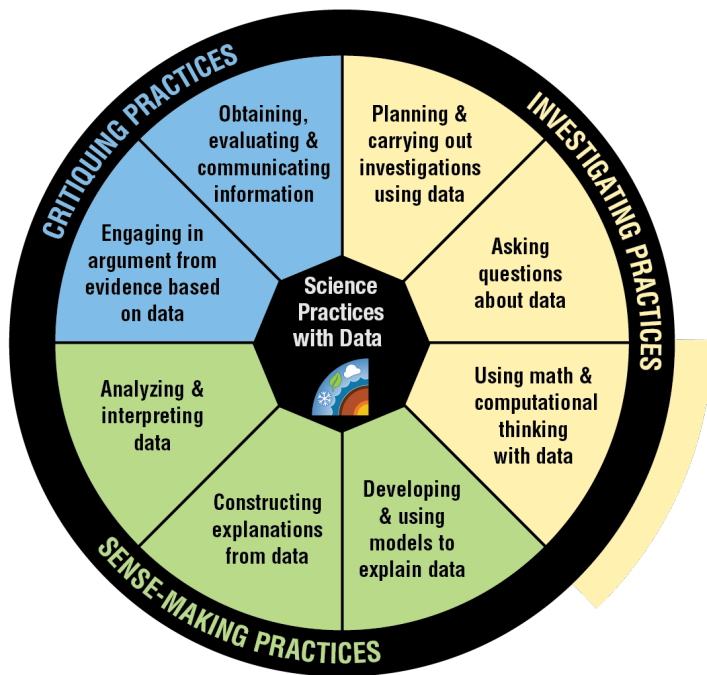
Are you searching for resources to use with your students related to Science and Engineering Practices? Review these graphics that will help to hone students' attention to the specific practices in science and how they relate to investigating, sense-making, and critiquing of data.

Visit the links provided to access the Science and Engineering Practice graphics wheel, as well as the independent practices pie slices.

**Planning &
carrying out
investigations
using data**





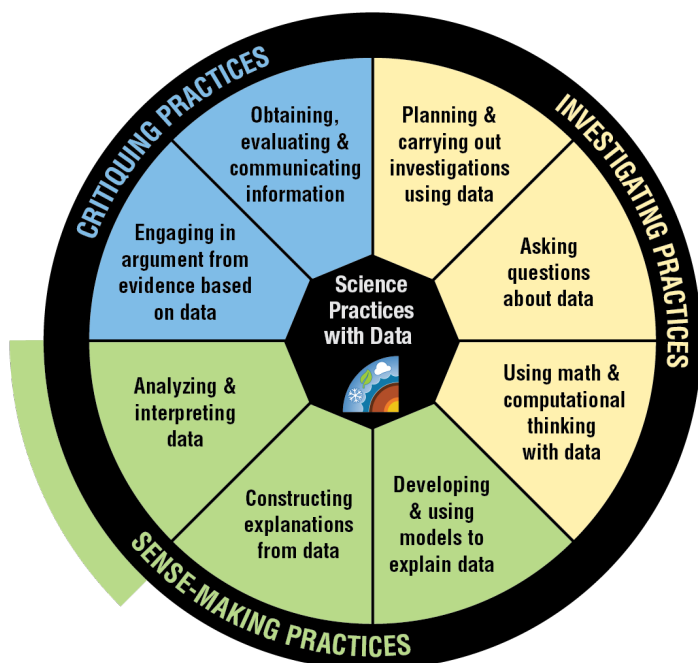
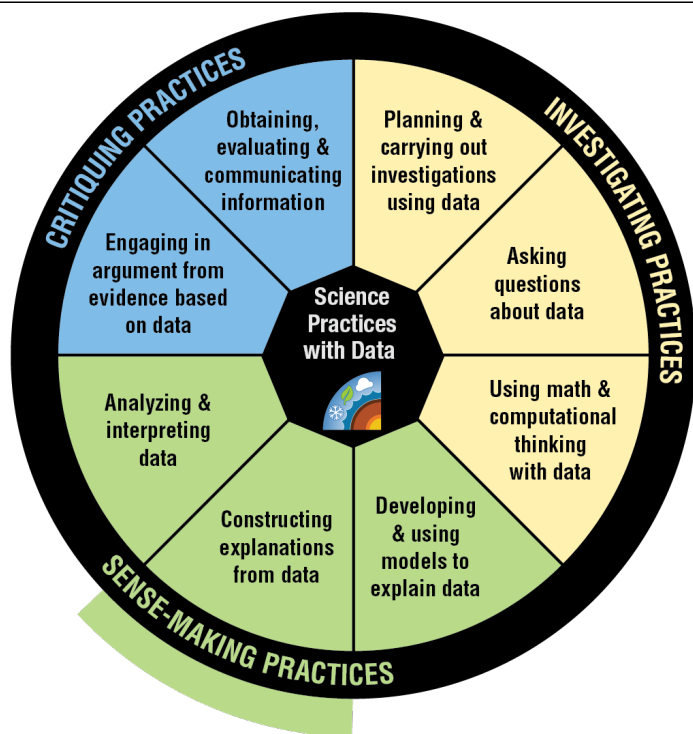


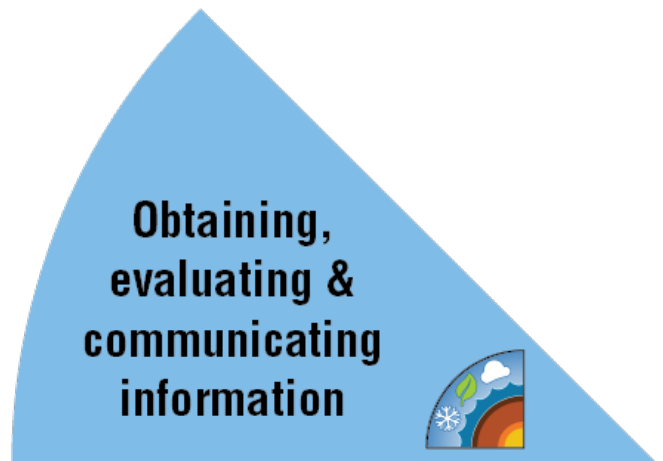
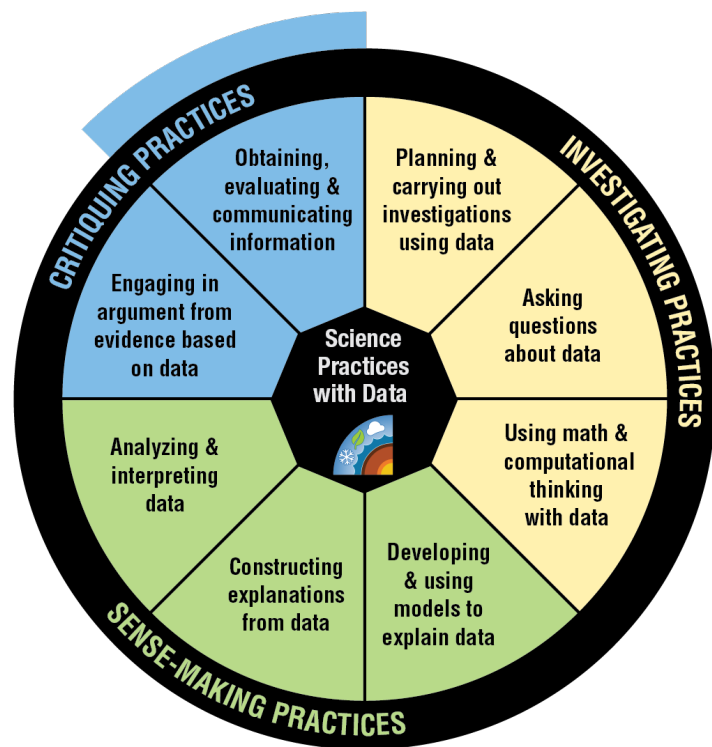
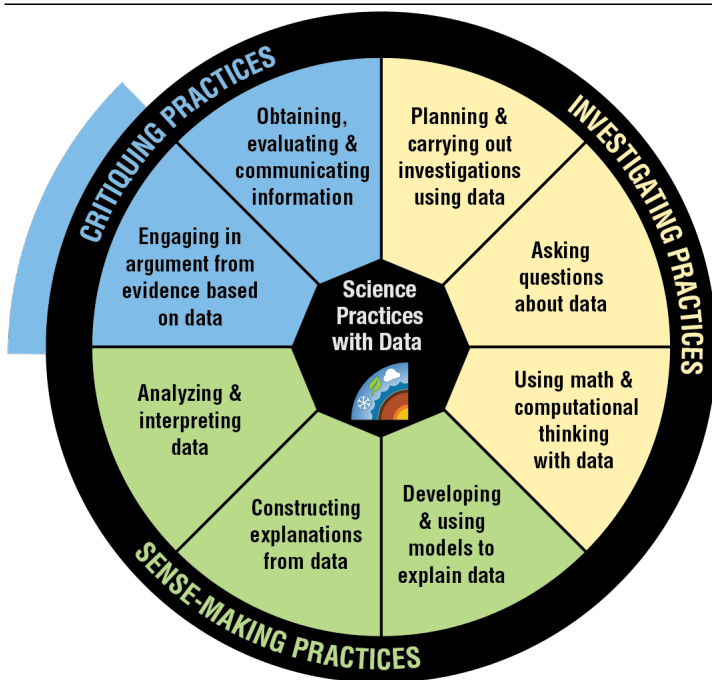
**Developing
& using
models to
explain data**



**Constructing
explanations
from data**







NGSS Three Dimensional Learning

Science and Engineering Practices

- Asking Questions and Defining Problems
- Developing and Using Models
- Planning and Carrying out Investigations
- Analyzing and Interpreting Data
- Using Mathematics and Computational Thinking
- Constructing Explanations and Designing Solutions
- Engaging in Argument from Evidence
- Obtaining, Evaluating and Communicating Information

Document Resources

- [science and engineering practices with data](#)