

# ESSENTIAL PRACTICES FOR K-12 SCIENCE CLASSROOMS

Constructing  
**Explanations**  
and Designing  
**Solutions**

Engaging  
in **Argument**  
from  
**Evidence**

Developing  
and  
Using **Models**

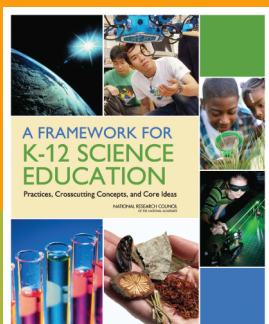
**Asking**  
Questions  
and **Defining**  
Problems

Using  
**Mathematics**  
and  
**Computational**  
**Thinking**

**Analyzing**  
and  
**Interpreting**  
Data

Planning and  
Carrying Out  
**Investigations**

**Obtaining,**  
**Evaluating,** and  
**Communicating**  
Information



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