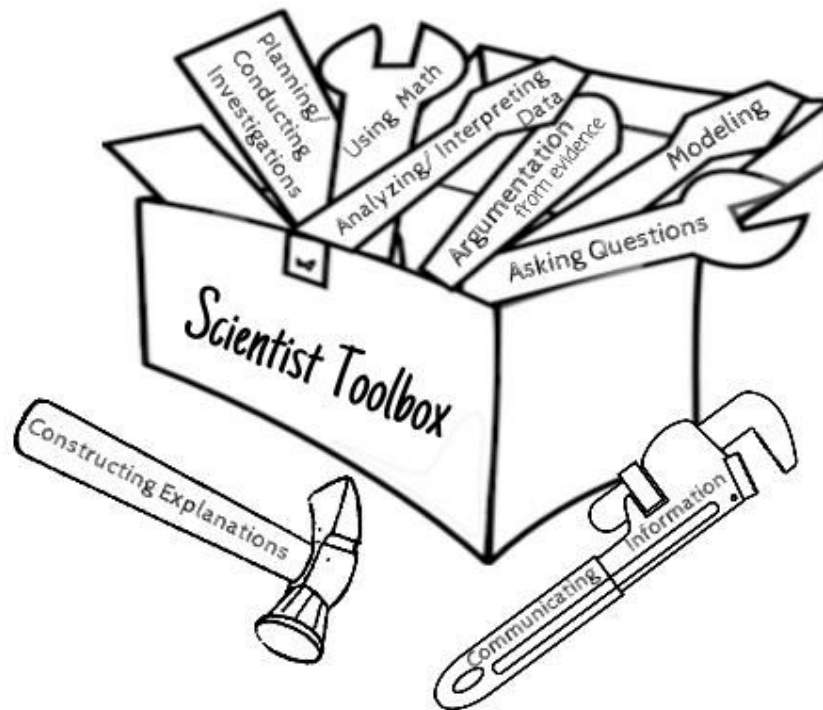


NGSS Science & Engineering Practices

THE SKILLS



Asking Questions ... asking and refining questions to lead to explanations about how the natural world works.

Using Math & Computational Thinking... applying skills from math class to understand and explain the natural world.

Developing & Using Models... using and creating models as helpful ways for representing ideas and explanations and show the relationships between parts of a system .

Constructing Explanations... creating explanations and solutions with the purpose of defining our world.

Planning & Carrying Out Investigations... creating and completing a systematic scientific experiment to explain a phenomenon or test a engineering design solution

Arguing from Evidence... listen to, compare, and evaluate competing ideas and methods based on merits (information presented).

Analyzing & Interpreting Data... graphing and organizing data and performing statistical analysis to determine the patterns and relationships in the data

Obtaining, Evaluating & Communicating Information... scientists must clearly and persuasively communicate and represent their ideas to peers and the scientific community.

