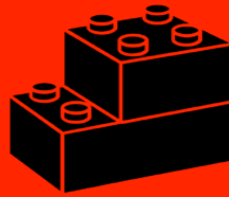




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1. Asking **questions** (for science) and **defining problems** (for engineering)



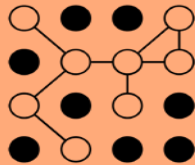
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2. Developing and using **models**.



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3. Planning and carrying out **investigations**.

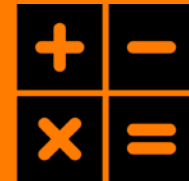


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4. Analyzing and interpreting **data**.

## SCIENTIFIC AND ENGINEERING PRACTICES

National Research Council. 2012. A Framework for K-12 Science Education: Practices, Crosscutting Concepts, and Core Ideas. National Academies Press, p. 42. <http://nap.edu/catalog/131655>. Images from TheNounProject.com and used with a Creative Commons license.



5. Using **mathematics** and **computational thinking**.



6. Constructing **explanations** (science) & **designing solutions** (for engineering).



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7. Engaging in **argument** from **evidence**.



8. **Obtaining, evaluating,** and **communicating** information