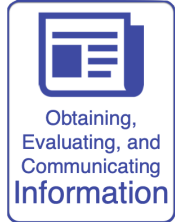


Obtaining, Evaluating and Communicating Information

Elements of Student Performance

High School



Science & Engineering Practice 8

Obtaining Information

Critically read scientific literature to determine the central ideas or conclusions about the relevant disciplinary core idea.

Gather scientific information from multiple sources, assessing the evidence and usefulness of each source.

Evaluating Information

Evaluate the validity and reliability of multiple claims and methods that appear in scientific texts or media reports, verifying the data when possible.

Compare, integrate and evaluate sources of information presented in different media or formats (e.g. visually, quantitatively) as well as in words in order to address a scientific question.

Synthesize information from multiple sources to provide evidence that includes the related crosscutting concept.

Communicating Information

Communicate scientific information or ideas about phenomena in multiple formats (i.e. orally, graphically, textually, mathematically) and cite the origin of the information as appropriate.

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