



## Mini-Map for SCI.EE.MS.PS1-2

Subject: Science

Physical

Grade: 6–8

### Learning Outcome

DLM Essential Element	Grade-Level Standard
<b>SCI.EE.MS.PS1-2</b> Interpret and analyze data on the properties (e.g., color, texture, odor, and state of matter) of substances before and after chemical changes have occurred (e.g., burning sugar or burning steel wool, rust, effervescent tablets).	<b>MS-PS1-2</b> Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.

### Linkage Level Descriptions

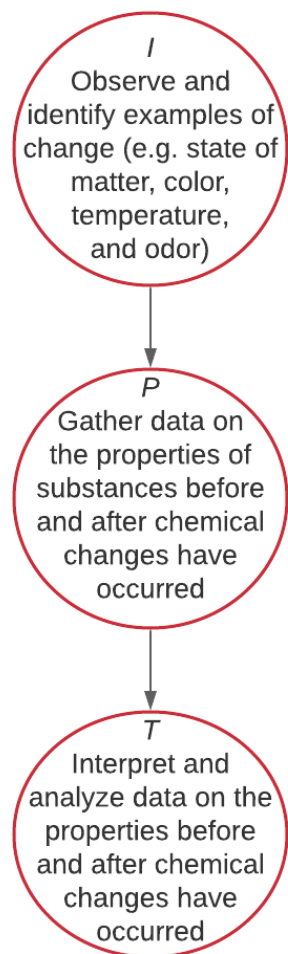
Initial	Precursor	Target
Observe and identify examples of change (e.g., state of matter, color, temperature, and odor).	Gather data on the properties (e.g., color, texture, odor, and state of matter) of substances before and after chemical changes have occurred (e.g., burning sugar or burning steel wool, rust, effervescent tablets, baking soda and vinegar).	Interpret and analyze data on the properties (e.g., color, texture, odor, and state of matter) of substances before and after chemical changes have occurred (e.g., burning sugar or burning steel wool, rust, effervescent tablets, baking soda and vinegar).

## Instructional Resources

Linkage Level	Instructional Activities
Initial/Precursor/Target	<a href="#">Chemical Changes</a>
Connections	
Science and Engineering Practices	Analyzing and Interpreting Data
Crosscutting Concepts	Patterns
Mathematics Essential Elements	<b>M.EE.6.SP.5:</b> Summarize data distributions shown in graphs or tables. <b>M.EE.1.MD.4:</b> Organize data into categories by sorting.
Released Testlets	
See the <a href="#">Guide to Practice Activities and Released Testlets</a> .	

## [Link to Text-Only Map](#)

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Map Key	
I	Initial
P	Precursor
T	Target