

NGSS Correlations

Melting Snowman PUT-300

Elementary

2-PS1-2

Students can analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.

5-PS1-3

Students can use the Melting Snowman to make observations and measurements to identify materials based on their properties.

Suggested Science Idea(s)

2-PS1-2

5-PS1-3

MS-PS1-3

HS-PS1-7

Students can use Melting Snowman to observe a silicone-based putty that has properties of both solid and liquid. Fun for students to produce it over and over again using new sizes and shapes to build the longest lasting snowman. For all students this is a great opportunity to practice data collection and observation skills.

Middle School

MS-PS1-3

Students can use the Melting Snowman in an investigation to describe that synthetic materials come from natural resources and can have an impact on society.

High School

HS-PS1-7

Students can use the Melting Snowman to construct and revise an explanation for the outcome of a simple chemical reaction based on the outermost electron states of atoms, trends in the Periodic Table and knowledge of the patterns of chemical properties.

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