

## Art

- The student has learned about shapes and spatial relationships while creating the igloo structure with marshmallows and toothpicks.
- Through the use of different colors and sizes of marshmallows, the student has demonstrated creativity and experimentation with materials.
- By designing and decorating the igloo, the student has explored concepts of symmetry and pattern in their artwork.

## English

- The student has practiced following verbal instructions and communicating with peers during the collaborative construction of the igloo.
- Vocabulary related to the activity, such as "igloo," "marshmallow," "toothpick," and "glue," has been introduced and reinforced.
- After completing the activity, the student can describe their process and explain the steps in constructing the igloo, improving their verbal communication skills.

## Math

- The student has developed spatial awareness and understanding of 3D shapes by building a structure with marshmallows and toothpicks.
- Counting and estimating have been practiced when determining the number of marshmallows and toothpicks needed for the igloo construction.
- Through the hands-on experience of measuring and comparing the sizes of marshmallows, the student gained knowledge of size relationships and quantitative concepts.

## Science

- The student has observed and discussed the properties of materials such as marshmallows and toothpicks, including texture, weight, and strength.
- During construction, the student has experienced basic engineering principles and learned about stability and balance to create a sturdy igloo structure.
- By observing and considering the melting properties of marshmallows, the student has engaged in a simple science experiment related to temperature and states of matter.

## Social Studies

- The student has learned about different cultures and traditions by exploring the concept of igloos as dwellings in Arctic regions.
- Through collaboration and teamwork, the student has practiced important social skills such as sharing, taking turns, and respecting others' ideas.
- The activity encourages discussions about the environment and the impact of climate on living conditions, promoting awareness of global issues.

For continued development, consider incorporating a storytelling element into the activity where the child can create a narrative about the igloo and its inhabitants. This can further enhance their language, storytelling, and creative thinking skills.

## Book Recommendations

- ["Igloos and Inuit Life"](#) by Louise Spilsbury: A beautifully illustrated introduction to the world of igloos and the Inuit people, exploring their culture, traditions, and way of life.
- ["The Shape of Things"](#) by Dayle Ann Dodds: This interactive picture book introduces shapes through engaging and playful rhymes, perfect for reinforcing the concept of shapes featured in the marshmallow igloo activity.

- ["Math Curse"](#) by Jon Scieszka: A humorous book that turns everyday mathematics into an extraordinary adventure, helping children see the math connections in their own lives, such as estimation and measurements used in the igloo construction.
- ["Igloos and Ice Houses"](#) by Mike Graf: This informative book provides an in-depth look at igloos and ice houses, exploring the history, construction, and various uses of these unique structures.

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