**Activity:** The children will order, compare, and describe the components of a snowman. Children will use their senses to observe and explore various three-dimensional shapes.

**Objective**
Children will discuss the components of a snowman’s body. Then they will make spheres of

**V. Mathematical Thinking**
V.D.4. Constructs with three-dimensional shapes in the environment through play (e.g., building castle in the construction area)
[http://www.floel.org/standardsresource/standards.html#d=V&a=four_year_old](http://www.floel.org/standardsresource/standards.html#d=V&a=four_year_old)

**Materials Needed**
- Chart paper and markers
- Variety of art materials to create eyes, nose, buttons, scarf, arms
- Ice and snow cone maker (ice shaver)
- Book: *All You Need for a Snowman*, Alice Schertle

**Checking for Understanding**
Children will demonstrate their understanding of the lesson by discussing components of a snowman including reference to three-dimensional shapes (e.g., sphere, cone) and the sequence of the different sizes (e.g., small, medium, large).

**Lesson**
1. Introduce the lesson by reading *All You Need for a Snowman* by Alice Schertle.
2. Discuss the components of a snowman’s body (e.g., the different types of body parts, the various three-dimensional shapes represented).
3. Discuss the items needed to make a snowman including three-dimensional shapes (e.g., spheres and cones). List the items on the chart paper.
4. Use the snow cone maker to produce shaved ice for each child. Show the children how to create a sphere from the shaved ice. Ask the children to make three spheres in different sizes (e.g., small, medium, large) for the snowman’s body.
5. Allow the children to assemble and decorate their snowmen.

**Scaffolding**
- Provide play dough instead of shaved ice for children who do not like touching things that are cold.

**Extensions**
- Predict what might happen if the spheres of the snowman’s body are put together in a different order. Build the snowman and discuss what happened.
- Provide art materials for children to create different types of snowmen, snowwomen, or snowbabies.