



## Engineering Institutes:

### **Marshmallow Constellation**

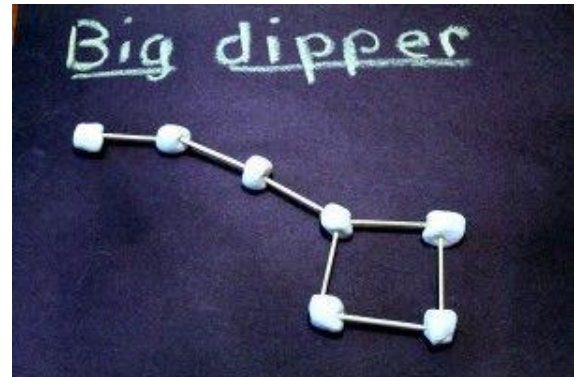
#### **Ohio Standards:**

K.CC.B.5: Count to tell the number of objects.  
ESS.K.2: This topic focuses on observing, exploring, describing and comparing weather changes, patterns in the sky and changing seasons.

#### **PA Standards:**

3.3.7. B1: Describe gravity as a major force in determining the motions of planets, stars, and the solar system

3.3.7. B2: Describe repeating patterns and the positions of stars.



#### **Materials**

- A bag of Marshmallows
- Toothpicks
- Diagram of your favorite constellations
- Black construction paper (Optional)

#### **Books to read (optional)**

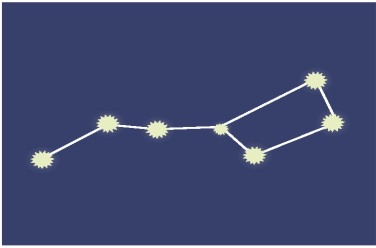
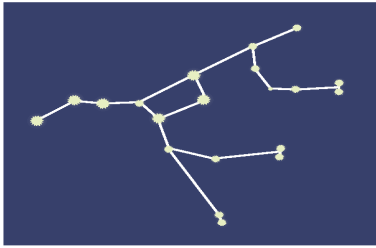
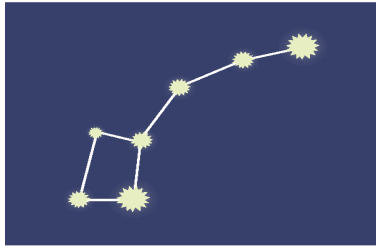
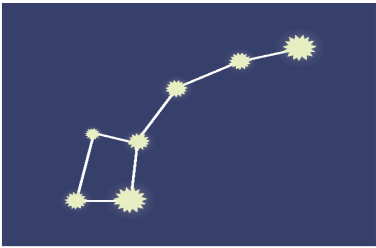
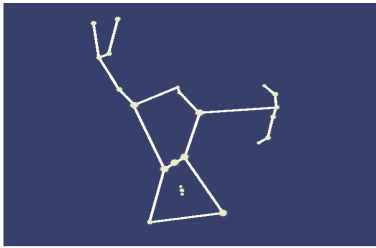
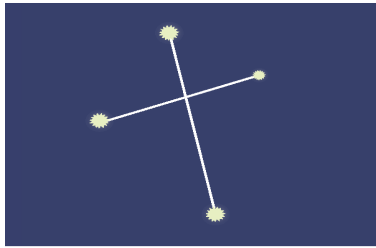
- The Big Dipper by Franklyn Branley
- Glow in the Dark Constellations by C.E. Thompson
- The stars by H.A. Rey
- Our Stars by Anne Rockwell

#### **Procedures :**

1. Construct the star constellations using the mini-marshmallow and toothpicks.
2. Use marshmallows for each star and connect them with toothpicks so they resemble the outline of the star group

- You may have to break some toothpicks in order to make the shorter star connections.
3. Use the black construction paper to use as a background and decorate.

## Constellation Examples

		
Big Dipper	Ursa Major	Little Dipper
		
Ursa Minor	Orion	Southern Cross