

## SEMS Sensory Board - Guide

All Ages

### Activity Description

Students will learn about the Sun, Earth, Moon System, and eclipses with an interactive sensory approach focusing on proprioception, touch, and visual-motor coordination.

Time required – 20 Minutes

### Materials

- 3 – 2.5 Gallon Slider Storage bags
- Unscented hair gel or similar substance
- Small, plastic star beads
- Glitter
- Pom poms
- Small foam ball
- Scissors
- Cardboard
- Printed 11x17 [Sun and Earth System design](#)
- Tape



### Instructions

1. Cut the cardboard box to align with the [printed SEMS design paper](#) and the storage bag. If you don't have access to a large enough printer, scale everything down or design your own!
2. Glue the paper to the cardboard box; adjust the paper and cardboard by cutting sections if necessary.
3. Place the cardboard with paper inside the storage bag, close it, and ensure there are no air bubbles.
4. If free space is inside the bag, fold those areas to the side, away from the picture. Use the tape to tape it down so it is tight.
5. Place another storage bag over the first one.
6. Put hair gel inside the second bag. The amount will vary based on what you place inside the bag. Make sure not to overfill so that you can close it.
7. Place desired crafting materials inside the gel and a foam ball to represent the Moon. You can paint or use a marker on the foam ball to color it like the Moon. This must be done in advance, ensuring the ball is dry. Again, add more gel as needed.
8. Once everything you want is inside, get as much air out as possible and seal shut. Repeat step 4 if there is free space and tape the sides.
9. Place the last storage bag over both bags from the previous steps, remove as much air as possible, and repeat step 4.
10. Students can move the foam ball around to create solar and lunar eclipses!