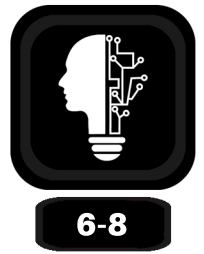


# Balloon Hovercraft



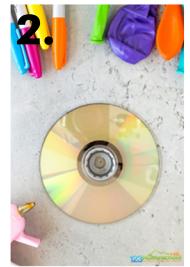
## Materials:

- Scissors
- Plastic Bottle Cap
- Super Glue
- CD Disc
- Balloon
- Markers



## Instructions:

1. Start out by making a 1/2-inch hole in the center of your cap by piercing it with sharp scissors and rotating the blade clockwise to widen the hole.
2. Now glue the flat side of the cap to the center of the disc so that the holes align. Allow the glue to dry.
3. Decorate your flying spaceship with colored sharpie markers.
4. Blow up the balloon and twist the end tightly to not allow air to escape, but don't tie it off.
5. Pull the lip of the balloon over the edge of the cap until it is securely in place.
6. Allow air to release from the balloon.



## The Science:

As the air rushes out of the balloon through the hole, it forms a cushion below the cd that supports the entire surface of the cd because air is escaping from all sides. Since there is no friction from the rubbing of the disc and the surface, the spaceship can move freely.