

Amaze Your Brain *at Home!*

EXPERIMENTS

BEST FOR
Grades
K-5

CD HOVERCRAFT

ABOUT

A hovercraft is a vehicle that can travel over land and water by creating a cushion of air beneath itself that it rides on. Create your own model by following these steps.

MATERIALS

- CD disk
- PVC pipe ($\frac{1}{2}$ " – 1") or valve type bottle top
- Tape
- Balloon

INSTRUCTIONS

1. Make sure that your CD is label-side up on a smooth surface. Center a small piece of PVC pipe ($\frac{1}{2}$ "–1") over the hole in the disc.
2. Tape the PVC to the CD, making sure to create an airtight seal between the two. Do not tape the bottom of your CD, which will create friction when your hovercraft moves.
3. Inflate a balloon and pinch the end so no air escapes. Quickly slide the mouth of the balloon onto the end of the PVC. Give your hovercraft a gentle push to make it go.



Tag us @perotmuseum on social media to show us how you *Amaze your Brain!*

PerotMuseum.org

Per[]t
Museum of Nature and Science