



Activity 3: Brain Hats



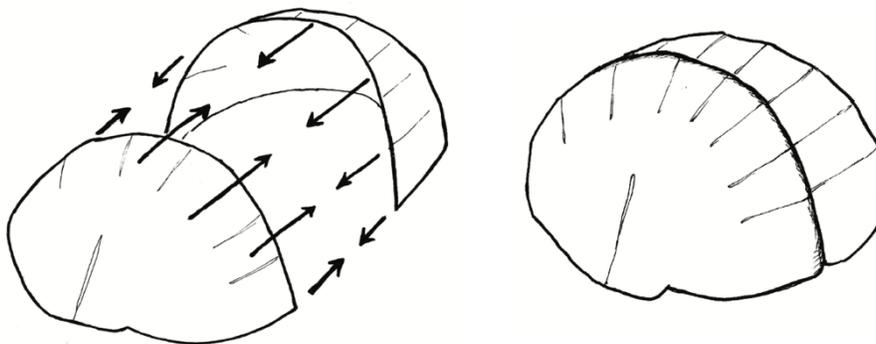
Learn the regions of the brain by coloring in, taping together, and showing off your style with a brain hat!

Materials:

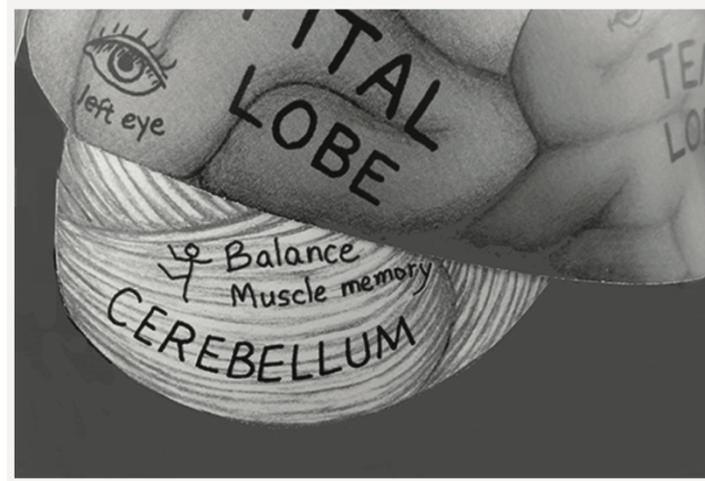
- Brain hat printouts
- Scissors (from home)
- Tape
- Crayons

Join us on **Nov. 21** at **3pm** to do this activity together! bit.ly/satsci20

- 1.** Cut out both sides of the brain hat, including the little pieces in the corners called the *cerebellum*. Make sure a grown up can help you with the scissors!
- 2.** Use your crayons to color each lobe of the brain the same color on both sides. There are four lobes: the *frontal*, *parietal* (including the *motor* and *sensory* cortex), *occipital*, and *temporal* lobes. Don't forget to color the cerebellum too!
- 3.** Along the outer edge of both sides, there are **8** spots to carefully cut slits into the brain so that you can fold it into a hat. Be sure to cut on the **solid** lines.
- 4.** For each slit, tuck the area of the triangle under the cut edge and tape it on the back side of the sheet. Do this on both sides to make two round brain halves.
- 5.** Next, match up the tops of the two brain halves (near the tops of the lobes) and tape them together on the inside of the brain. Keep taping along this edge to make a dome shape. Now it's starting to look like a brain!



6. Lastly, tape each half of the cerebellum in the back of the brain under each occipital lobe, taping the white flaps to the inside of the hat. All done!



Show off your brain hat by wearing it around, with the frontal lobe near your forehead and the cerebellum near your neck.

As you can see from the labels, different parts of the brain do all sorts of different things. Can you find the parts of your brain involved in hearing? What about counting numbers? Telling time?

Further fun: Turn your brain hat into a game with a partner! Have someone point out a function on your hat, and you do that function as quickly as you can! Or, if someone else has a hat too, race to see who can find different parts of the brain first.

