



## **GirlsGotSTEAM x Simply Neuroscience Brain Building SciNotebook**

<b>Program:</b>	Build a Brain
<b>Age Range:</b>	7-12
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<b>Description:</b>	Step 1: Wake up! Step 2: Come to this workshop! Step 3: Have fun! Learn how to make a brain model!

### **Pre-Workshop Questions**

Name as many parts of the brain that you can think of!

What does the human brain do?



### **Introduction**

As the brain parts are introduced, list them below and also mention the part's function.

1)

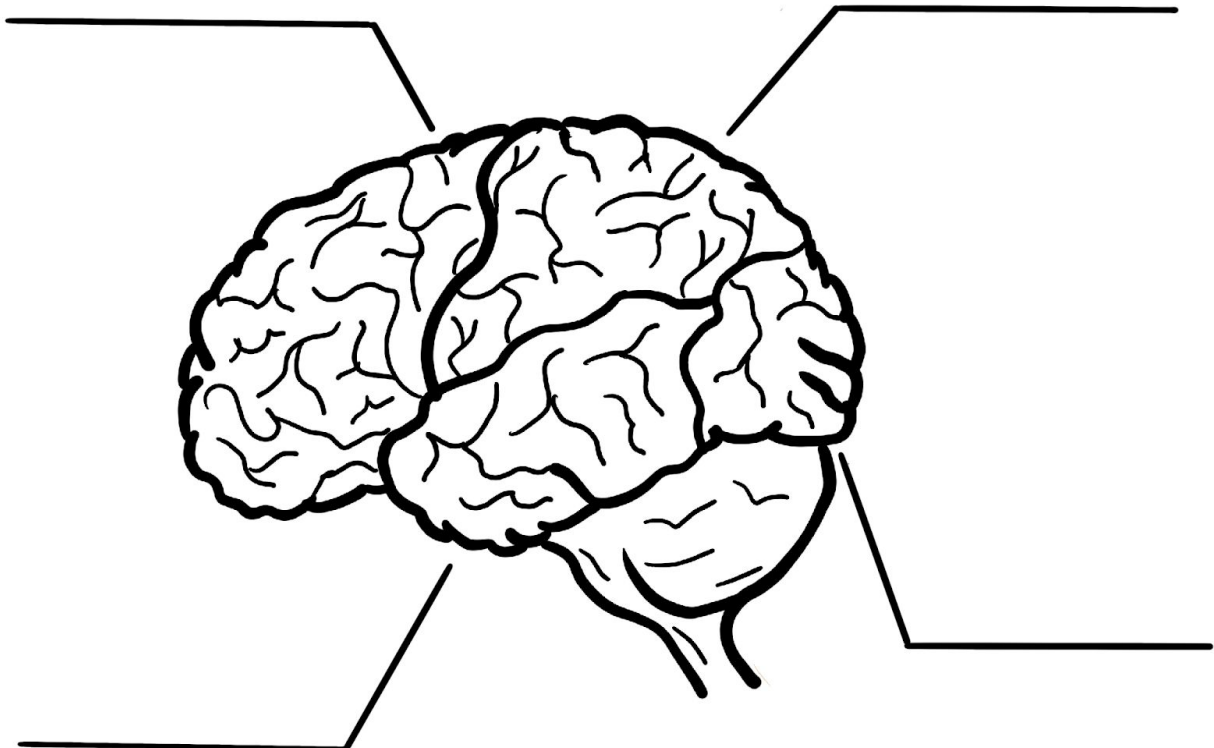
2)

3)

### **Mapping**

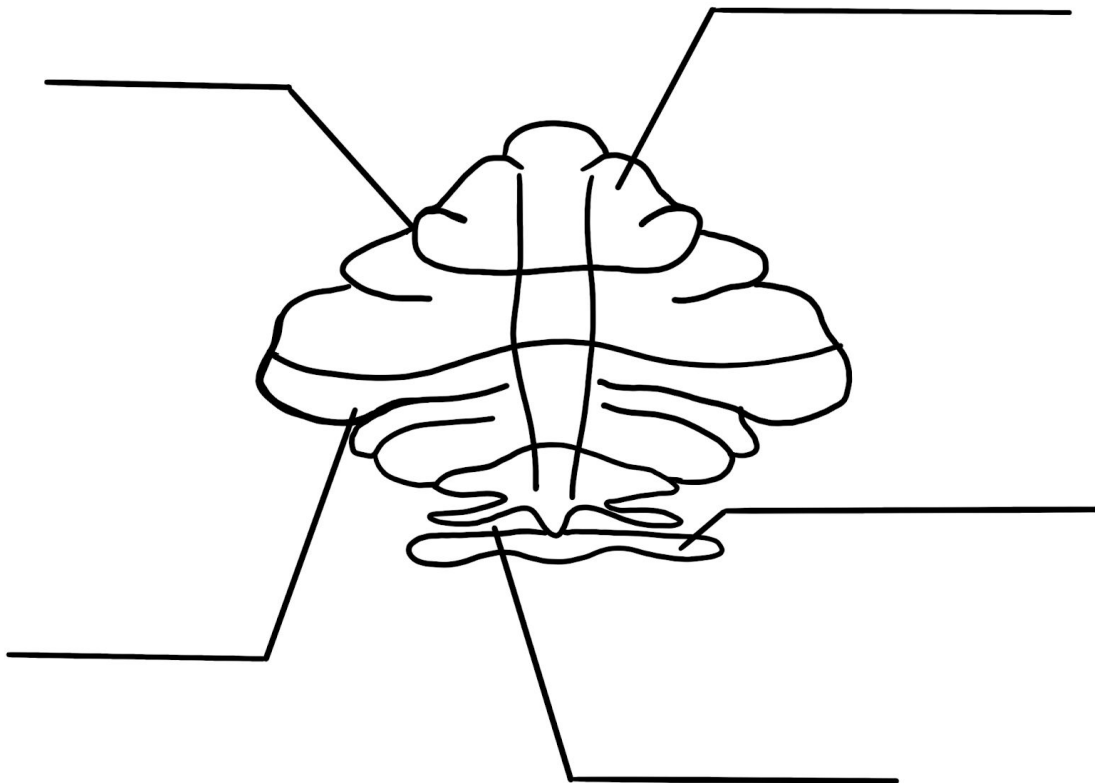
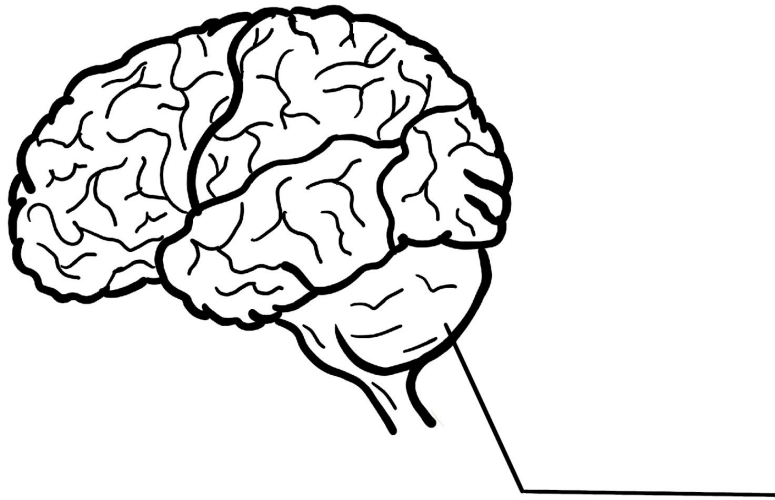
With the maps included below, color and label each part. Write a short description of each part (optional).

#### **Map 1: Cerebrum**



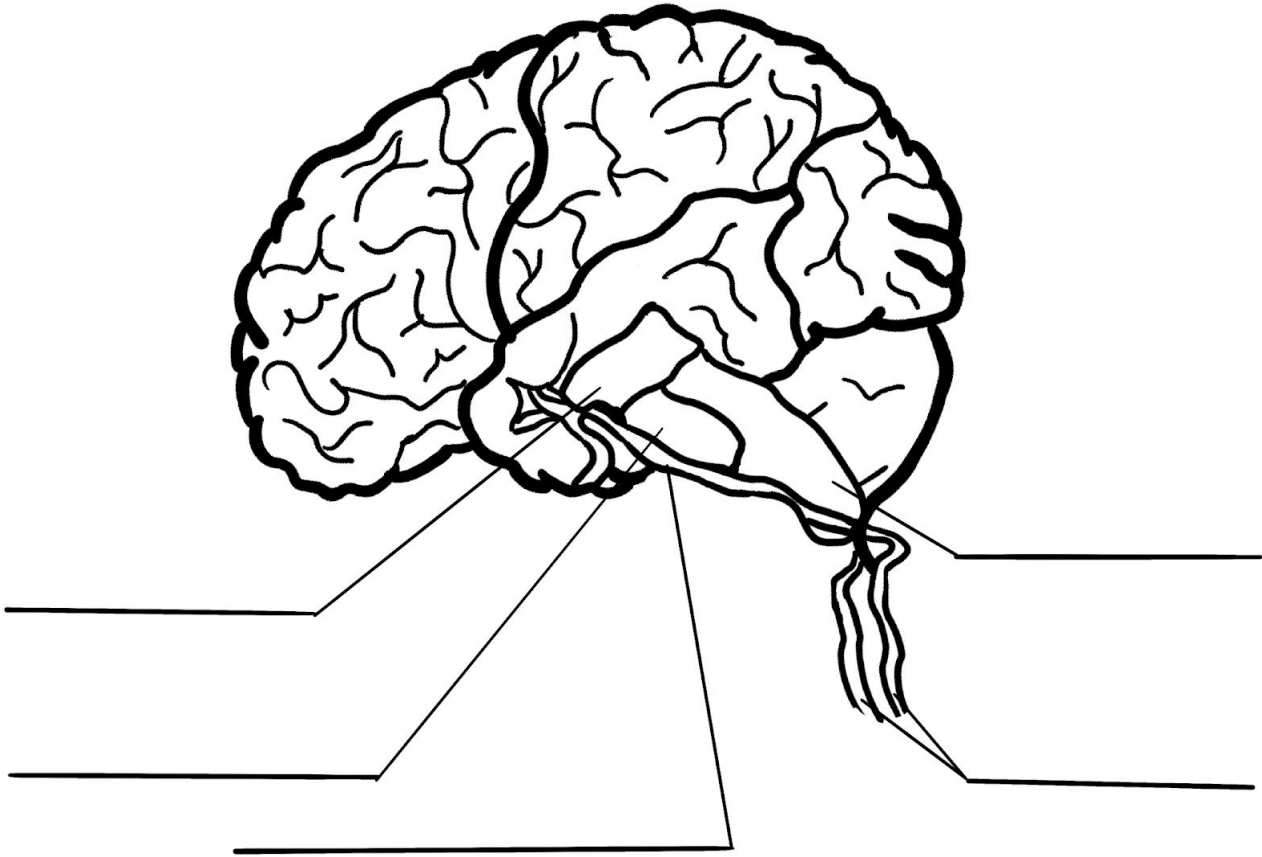


## Map 2: Cerebellum





**Map 3: Brain Stem**





### **Planning**

What materials might you use for your model?

What materials are you going to use for each brain part?



Use this page to draw a picture of your planned model. If you want to remake your model, don't worry, you have lots of space! Redesigning and building is part of the design process.

A large, empty rectangular box with a thin black border, occupying most of the page below the text. It is intended for the student to draw their planned model.



### **Final Build**

After you have built out your brain, draw or take a picture of what the final product looks like down below.

A large, empty rectangular box with a thin black border, intended for students to draw or photograph their final brain model.



### **Reflect**

Here are some reflection questions. Answer them and use them as a guide during your discussion.

1. What was the hardest part about this challenge?
2. What can you do differently next time to improve your model?
3. What are some household items you can use to create another model?
4. Why is the brain important?
5. What is your favorite part of the brain and why?