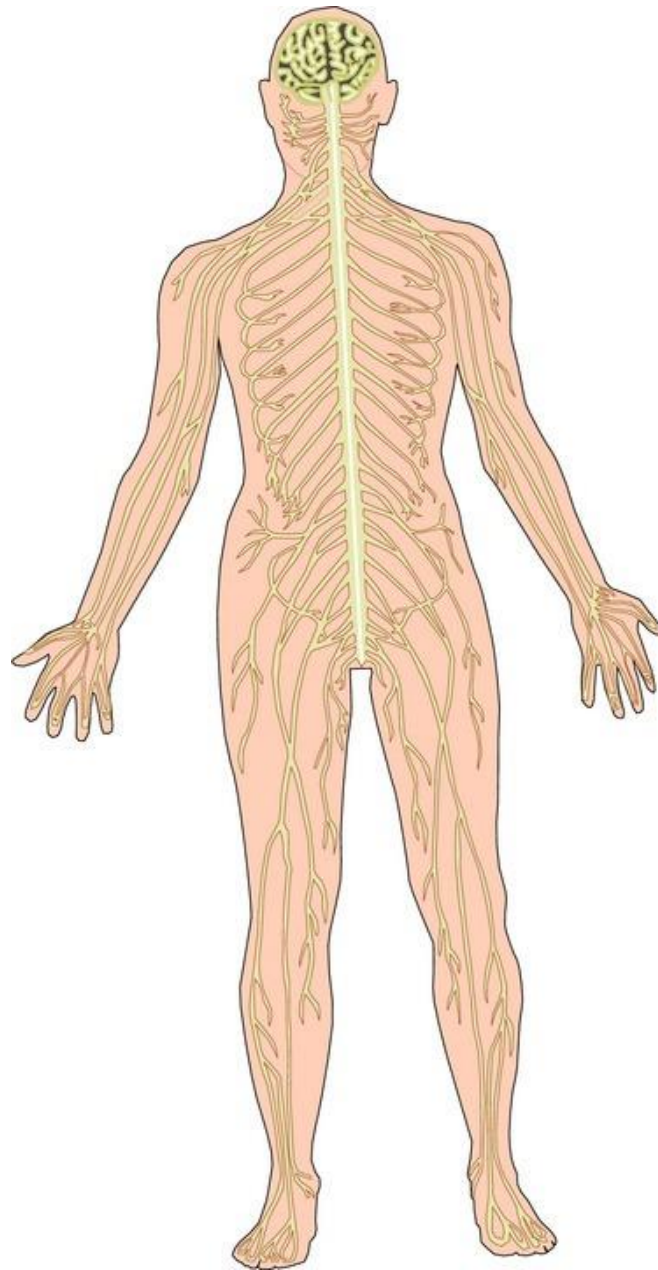


Nervous System Lapbook



L-NERV

Designed by
Cyndi Kinney

Nervous System Lapbook
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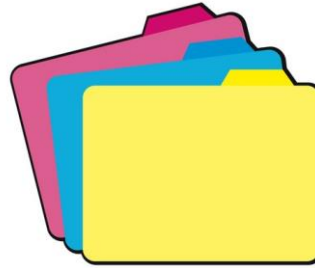
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Special thanks to Carrie Martin-Vegue. She is the author of the Study Guide that is included in this product. The Study Guide is being used with her permission and is now owned by Knowledge Box Central.

How do I get started?

First, you will want to gather your supplies.



*** Assembly:

***Folders:** We use colored file folders, which can be found at Walmart, Sam's, Office Depot, Costco, etc. You will need between 1 and 4 file folders, depending on which product you have purchased. You may use manila folders if you prefer, but we have found that children respond better with the brightly colored folders. Don't worry about the tabs...they aren't important. Within this product, you will be given easy, step-by-step instructions for how to fold and assemble these folders. *If you prefer, you can purchase the assembled lapbook bases from our website.*

***Glue:** For the folder assembly, we use hot glue. For booklet assembly, we use glue sticks and sometimes hot glue, depending on the specific booklet. We have found that bottle glue stays wet for too long, so it's not a great choice for lapbooking. For gluing the folders together, we suggest using hot glue, but **ONLY** with adult supervision. These things get **SUPER** hot, and can cause **SEVERE** burns within seconds.



***Other Supplies:** Of course, you will need scissors. Many booklets require additional supplies. Some of these include metal brad fasteners, paper clips, ribbon, yarn, staples, hole puncher, etc.



You may want to add decorations of your own, including stickers, buttons, coloring pages, cut-out clipart, etc. Sometimes, we even use scrapbooking supplies. The most important thing is to use your imagination! Make it your own!!



Ok. I've gathered the supplies. Now how do I use this product?

Inside, you will find several sections. They are as follows:

1. **Layout and Pictures:** This section gives instructions and diagrams that will tell the student exactly how to assemble the lapbook base and where to glue each booklet into the base. Depending on the student's age, he or she may need assistance with this process, especially if you choose to allow the student to use hot glue.

2. **Student Instruction Guide:** This section is written directly to the student, in language that he or she can understand. However, depending on the age of the child, there may be some parent/teacher assistance needed. This section will also tell the student exactly what should be written inside each booklet as he or she comes to it during the study.

3. **Booklet Templates:** This section includes ALL of the templates for the booklets. These have been printed on colors that will help to improve retention of the information presented, according to scientific research on color psychology.

4. **Teacher's/Study Guide:** This section includes a Study Guide that can be used to teach this subject. It includes all information for completing the booklets in this lapbook.

Nervous System Lapbook

Layout & Pictures

You will need 2 folders of any color. For each folder, you will fold both sides toward the original middle fold and make firm creases on these folds (Figure 1). Then glue the folders together along one flap (Figure 2).

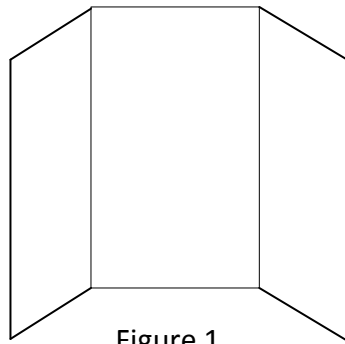


Figure 1

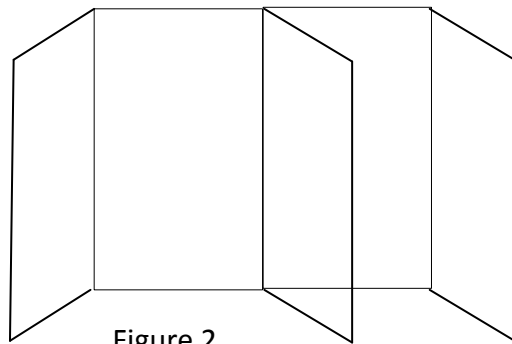
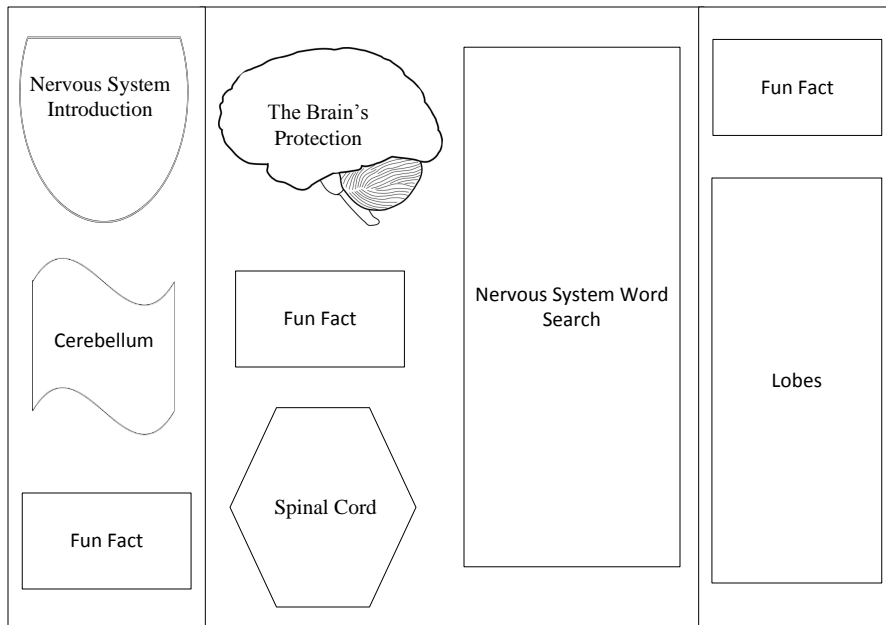


Figure 2

This is the "Layout" for your lapbook. The shapes are not exact on the layout, but you will get the idea of where each booklet should go inside your lapbook.



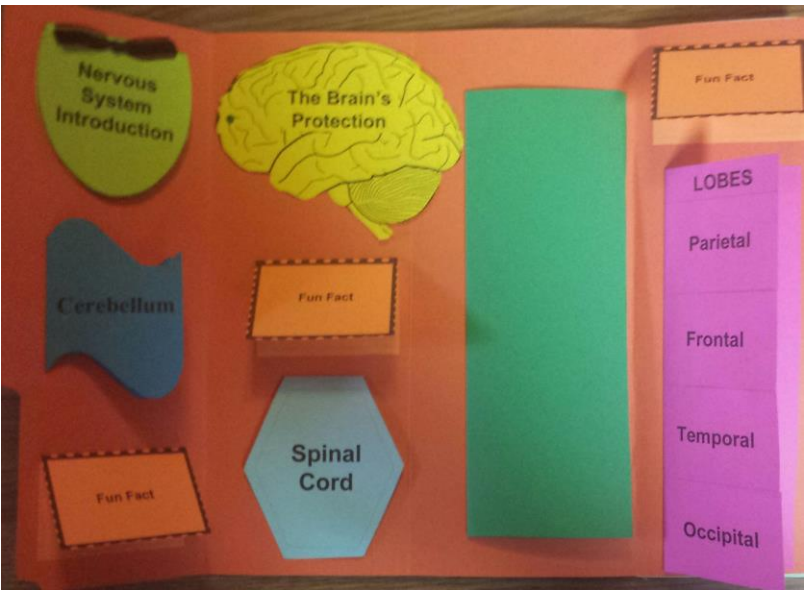
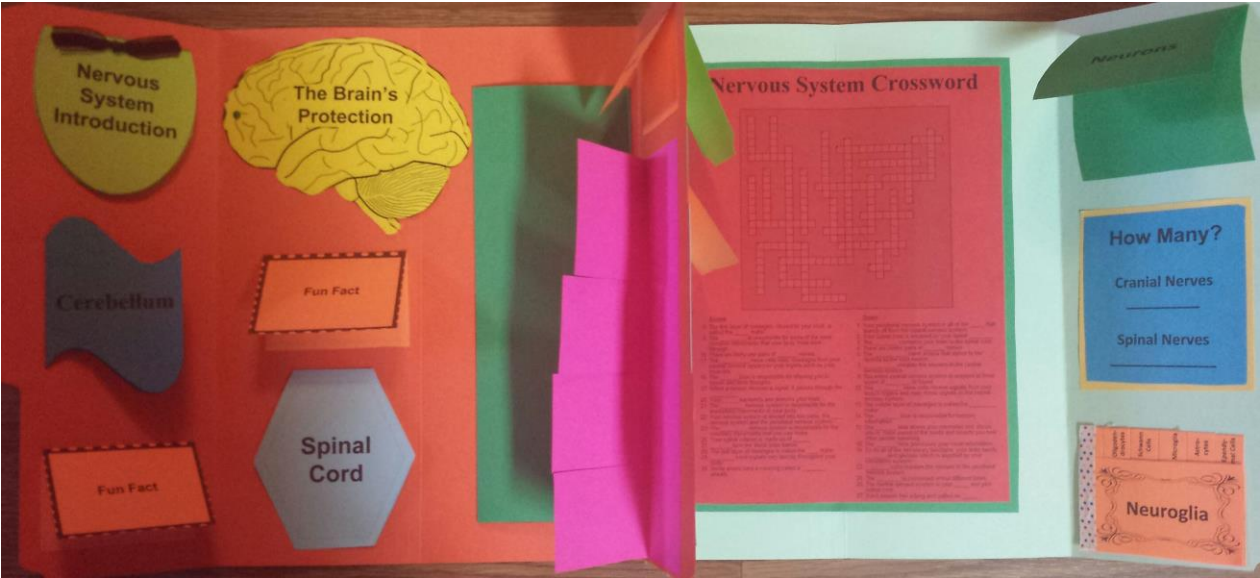
← Folder 1

Folder 2

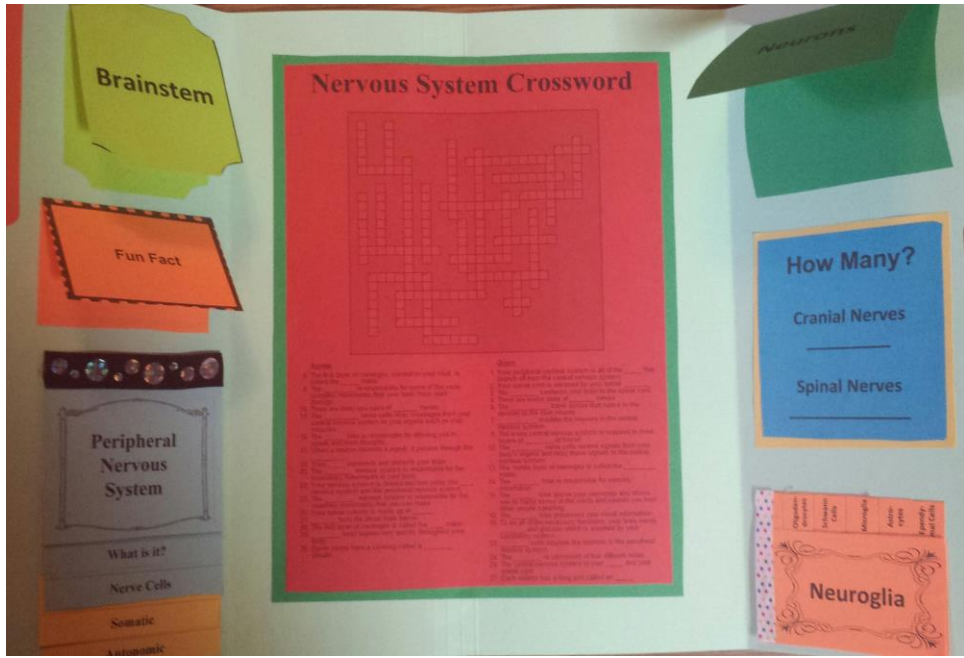


<p>Brainstem</p>	<p>Nervous System Crossword</p>	<p>Neurons</p>
<p>Fun Fact</p>		<p>How Many?</p>
<p>Peripheral Nervous System</p>		<p>Neuroglia</p>

Below is a picture of a completed lapbook!!! This should help in figuring out how to assemble the booklets and then how to put them all together!



← Folder 1



Neurons

Brainstem

Fun Fact

Peripheral Nervous System

What is it?

Nerve Cells

Somatic

Autonomic

Nervous System Crossword



- 1. The part of the brain that controls voluntary movement is the _____.
- 2. The part of the brain that controls involuntary movement is the _____.
- 3. The part of the brain that controls the body's temperature is the _____.
- 4. The part of the brain that controls the body's heart rate is the _____.
- 5. The part of the brain that controls the body's breathing is the _____.
- 6. The part of the brain that controls the body's blood pressure is the _____.
- 7. The part of the brain that controls the body's digestion is the _____.
- 8. The part of the brain that controls the body's excretion is the _____.
- 9. The part of the brain that controls the body's reproduction is the _____.
- 10. The part of the brain that controls the body's growth is the _____.
- 11. The part of the brain that controls the body's development is the _____.
- 12. The part of the brain that controls the body's aging is the _____.
- 13. The part of the brain that controls the body's death is the _____.
- 14. The part of the brain that controls the body's resurrection is the _____.
- 15. The part of the brain that controls the body's rebirth is the _____.
- 16. The part of the brain that controls the body's reincarnation is the _____.
- 17. The part of the brain that controls the body's transmigration is the _____.
- 18. The part of the brain that controls the body's transmigrating is the _____.
- 19. The part of the brain that controls the body's transmigration is the _____.
- 20. The part of the brain that controls the body's transmigrating is the _____.

How Many?

Cranial Nerves

Spinal Nerves

Neuroglia

Organic	Inorganic	Glial Cells	Microglia	Axons	Dendrites	Synapses

Folder 2 ←

Nervous System Lapbook

Student Instruction Guide

Booklet 1: Nervous System Introduction

Assembly Instructions: Cut out along the outer black line edges of the booklet and the extra pages. Fold the booklet along the center line so that the title is on the front. Stack the extra pages inside. Secure at the top with a staple.

Completion Instructions: Inside this booklet, tell about the responsibilities and main parts of the nervous system.

****PLACE in Folder #1 (see layout).**

Booklet 2: The Brain's Protection

Assembly Instructions: Cut out along the outer black line edges of each page. Stack so that the title is on top. Punch a hole in one corner, and secure with a metal brad fastener. You may choose to secure with a staple.

Completion Instructions: Your brain is a delicate organ that needs to be protected. Inside this booklet, explain the protection of the brain.

****PLACE in Folder #1 (see layout).**

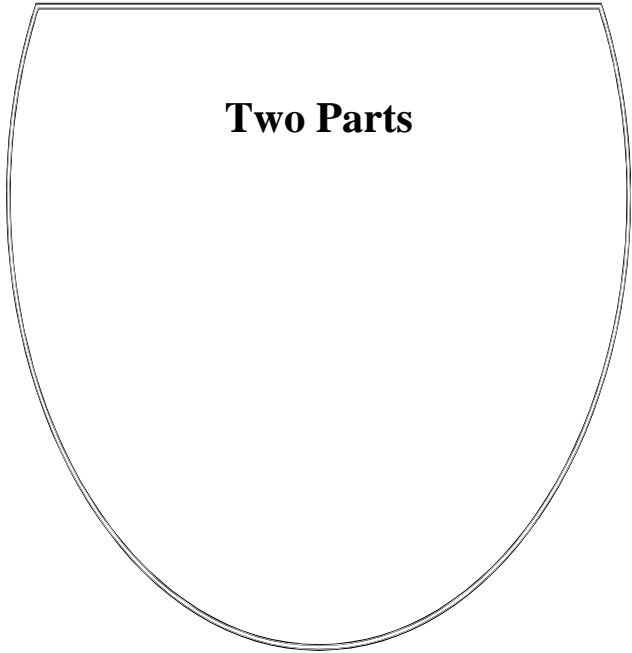
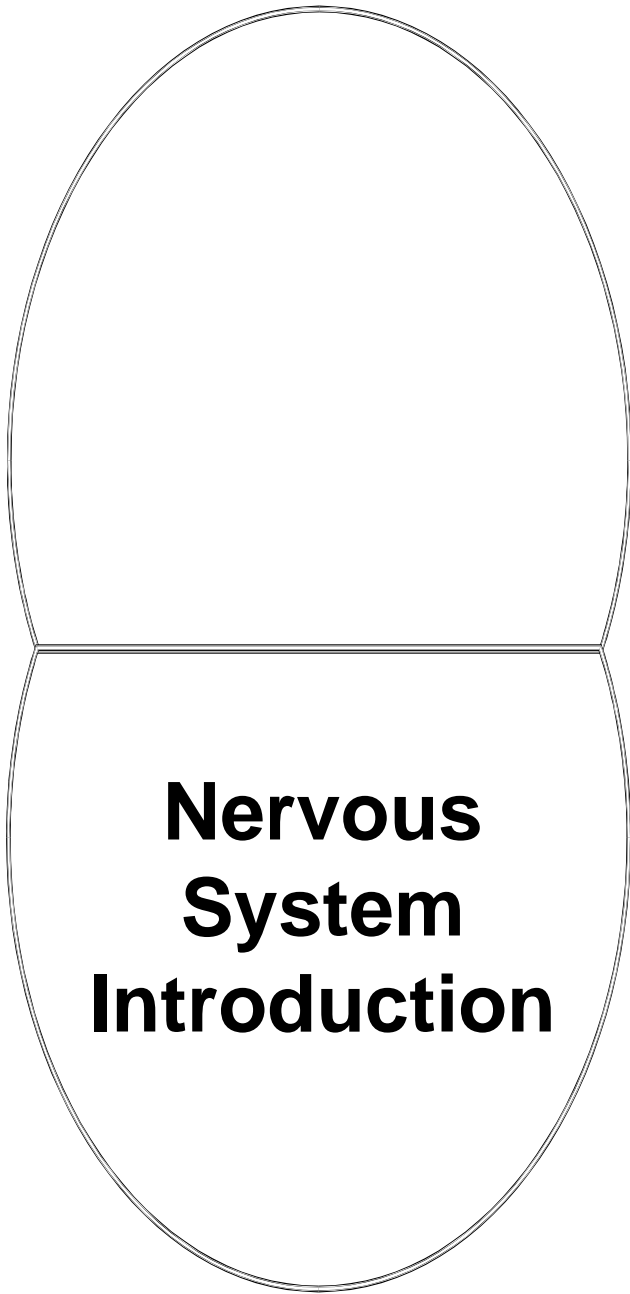
Booklet 3: Lobes

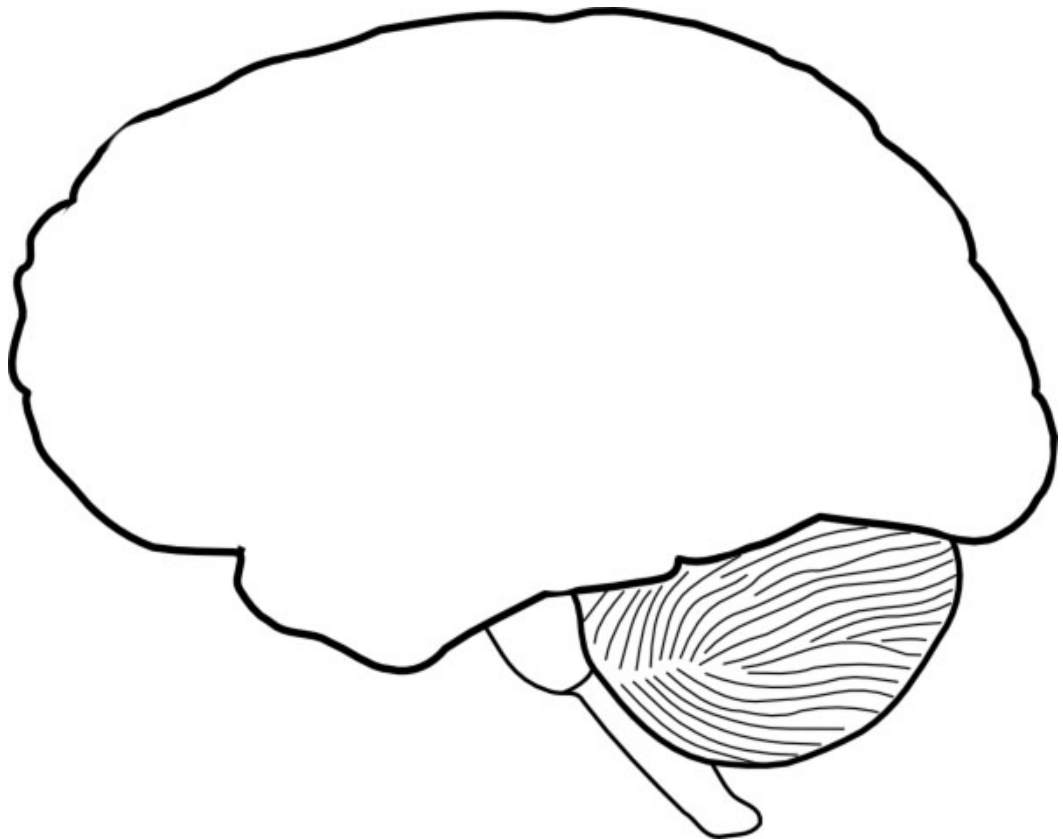
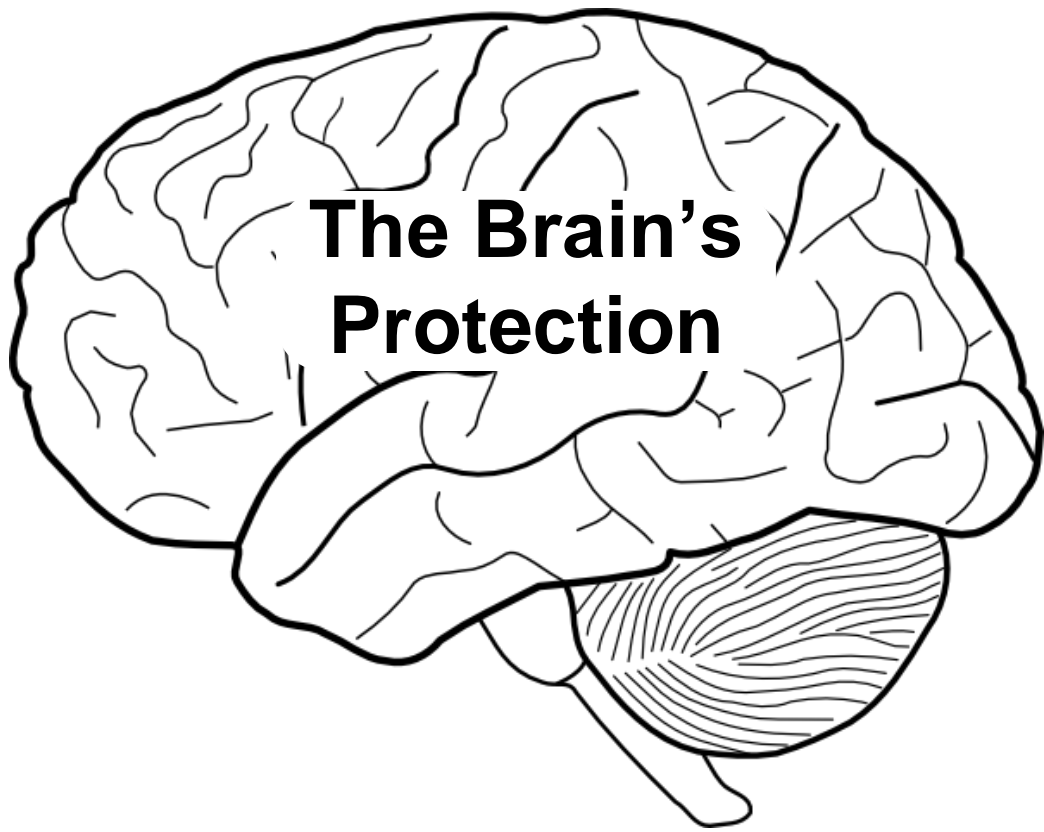
Assembly Instructions: Cut out along the outer black line edges of booklet. Fold along the center line so that the words are on the front. Cut along the shorter, dotted lines to create flaps.

Completion Instructions: Under each flap, tell about the responsibility of each lobe of the brain.

****PLACE in Folder #1 (see layout).**







The Nervous System
Lapbook
Teacher's/Study Guide



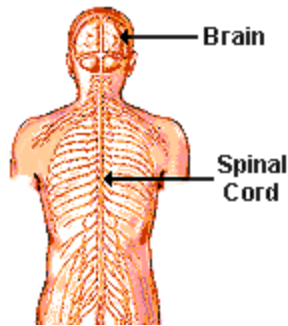
http://medicalcenter.osu.edu/patientcare/healthcare_services/nervous_system/about/pages/index.aspx

Introduction

Your nervous system is fascinating. It has many different parts. Some parts of your nervous system operate without you having to give it any conscious thought such as your heart beating. And then other parts of your nervous system you can control with your conscious thoughts.

Your nervous system is responsible for the thoughts you think and the emotions that you feel. In fact, how smart you are is directly tied to your nervous system! But it does so much more than that. It keeps your body's other systems running smoothly. It protects you from injury. (Remember back to a time when you touched something hot and you immediately pulled your hand back. That is a reflex and it's controlled by your nervous system.)

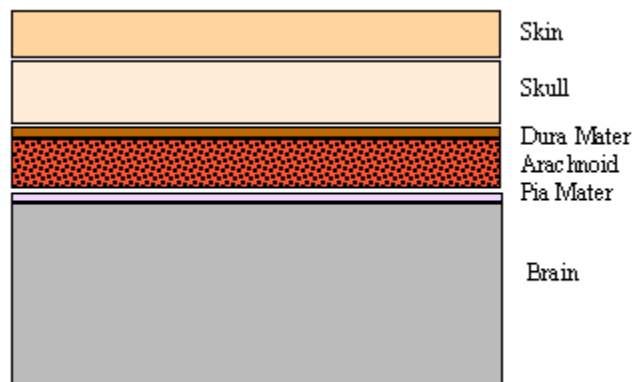
Your nervous system is divided into two different parts, the central nervous system and the peripheral nervous system. The central nervous system is your brain and your spinal cord while the peripheral nervous system is all of the nerves that branch off from the central nervous system.



<http://faculty.washington.edu/chudler/introb.html>

Brain

Your brain is responsible for processing all of the information that the rest of the organs and systems in your body send to it. The things that you see go to your brain to be processed so that you can make sense of it. The smells that your nose picks up and the things that you touch and hear must all be processed through your brain in order for you to understand that.



<http://faculty.washington.edu/chudler/cover.html>

Your brain is a delicate organ and therefore needs to be protected. Your cranium, which is part of your skeletal system, surrounds and protects your brain. The entire central nervous system is also wrapped in three layers of meninges or tissue. (If you've ever heard of someone having meningitis, it is inflammation of these layers of tissue that surround the brain and spinal cord.) The first layer that is closest to your skull is called the dura mater. The middle layer is called the arachnoid mater. Finally, the last layer is called the pia mater.