

The Human Brain

Grades: 3 and 4

Overview	The purpose of this lesson is to teach students about the human body. The main focus is on the brain and blood cells, but the whole body will be covered. Students should understand what main purposes the brain has for the body and to know what white and red blood cells do.
Objective	After learning about the brain, students will know characteristics of the right side and the left side of the brain with 100% accuracy. After coloring parts of the brain according, students will know which part of the brain goes where in a puzzle with 100% accuracy.
Standards	3.4.9 Explain that some diseases are caused by germs and some are not. Note that diseases caused by germs may be spread to other people. Also understand that washing hands with soap and water reduces the number of germs that can get into the body or that can be passed on to other people. 4.4.10 Explain that if germs are able to get inside the body, they may keep it from working properly. Understand that for defense against germs, the human body has tears, saliva, skin, some blood cells, and stomach secretions. Also note that a healthy body can fight most germs that invade it. Recognize, however, that there are some germs that interfere with the body's defenses.
Materials	<ul style="list-style-type: none">• Pencil• Paper• Scissors• Colored Pencils
Procedure	Each student has their science book and a chapter based on this topic. We would as a group read through the brain section and have them popcorn read. After each section, we will go over what we read as a group. Then each student will get a worksheet of the brain and have to color the parts of the brain according to what it does. Each student will then cut out the brain and make it into a puzzle. Every student will then trade their brain with another student and put their brain together. As a group, we will get on www.youpolls.com and we will create a survey for other people to take on a what side of the brain they use more often.
Evaluation	<ul style="list-style-type: none">• The students will then be given a quiz about the brain and they will label the parts of the brain.• The students will tell everyone what side of the brain they use most often and why.

