



LESSON PLAN: Every Brain is Unique

Topic: Functions of the Brain

Subject | Stream:

Biology

Science

Grade Level:

Junior (6-8)

Objective(s):

- Identify the major functions of the brain
- Discuss how the brain works slightly differently between individuals

Brief Summary:

The brain often does not receive the credit it deserves. It tells much of our body what to do and monitors the body to ensure that everything is functioning. This wordsearch activity attempts to bring to light many functions of the brain, and all the processes it controls.

Upon completing the wordsearch, a class discussion can be conducted on how these basic functions may differ between individuals using the terminology from the wordsearch as prompts; for example, two individuals may be tasting the same dish, however, one might find it delicious while the other finds it unpleasant (i.e.) some people dislike the taste of cilantro.

Background Information:

The brain is also referred to as the control centre of the human body; its main purpose is to regulate and maintain majority of the bodily functions. It receives input from the eyes, nose, ears, mouth, and skin which is how we interpret our five senses. It controls how we think and reason when faced with a task.

You would not be able to understand what is being written in this section if it were not for your brain. The brain uses nerve cells to communicate with different parts of the brain to compute different functions. Moving forth, it will either release hormones into the bloodstream or send signals down to the spinal cord to cause an effect on different parts of the body.



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**Resources | Materials Required per student:**

- Handout: Wordsearch Puzzle

Activity Instructions:

Step 1: Teachers are to hand out one copy of the wordsearch to each student. This should not take more than 20 minutes.

Step 2: Take up the worksheet with the class, using the answer key that accompanies this lesson plan.

Step 3: A class discussion can be conducted on how these basic functions may differ between individuals or how important the brain is to our daily lives, using the terminology from the wordsearch as prompts.

