

Brain Lab: Lesson Plan

Resources

Required resources for students:

- Visible Body's Human Anatomy Atlas version 2018.5 or later
- Worksheet (see below)

Additional resources for students and teachers:

- This lesson assumes that students have a basic understanding of the brain and its functions. They can review here: <https://www.visiblebody.com/learn/nervous/brain>
- Blog post on the limbic system: <https://www.visiblebody.com/blog/anatomy-physiology-limbic-system>

Objectives

At the end of this lesson, students should be able to:

1. Identify and describe the main regions, including lobes, of the brain.
2. Identify and describe the limbic system.

In their answers, students should define the following terms: Cerebrum, cerebellum, diencephalon, brain stem, medulla oblongata, pituitary gland, pons, frontal lobe, parietal lobe, occipital lobe, temporal lobe, limbic system, postcentral gyrus/somatosensory cortex, precentral gyrus/primary motor cortex, amygdala, hippocampus, and cingulate gyrus.

Introduction

10 minutes: Use the set of articles referenced in the additional resources above to give students a brief introduction to the key structures and functions of the brain, including the limbic system. Review the parts of the brain with students.

Student Activities

30 minutes: Have your students complete the three activity worksheets in this lesson. Check their work using the answer key.