

Brain Lab: Lesson Plan

Resources

Required resources for students:

- Visible Body Suite
- Lab activity worksheet

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, brainstem, 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 Visible Body Suite, as well as the set of articles referenced in the additional resources section above, to give students a brief introduction to the key structures and functions of the brain, including the limbic system.

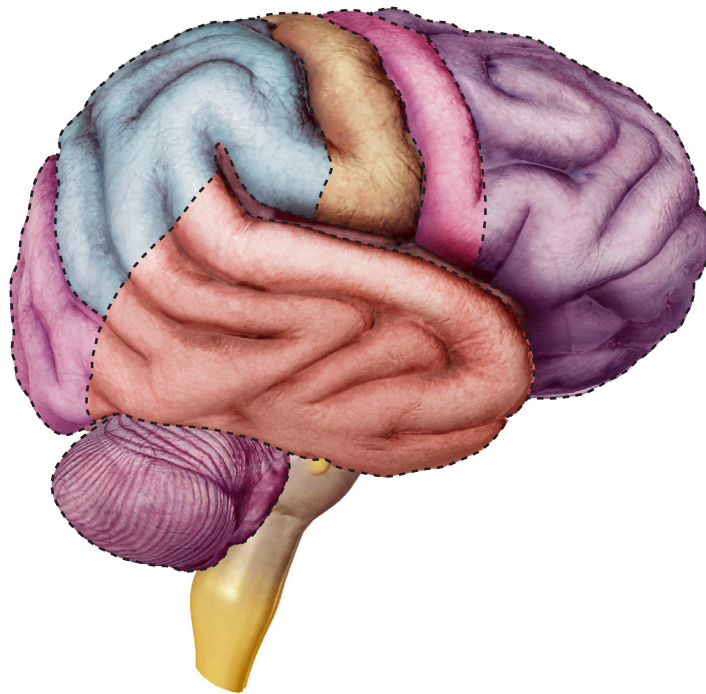
Student Activities

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

If you're doing this activity in class, you can use these three images to create stations.

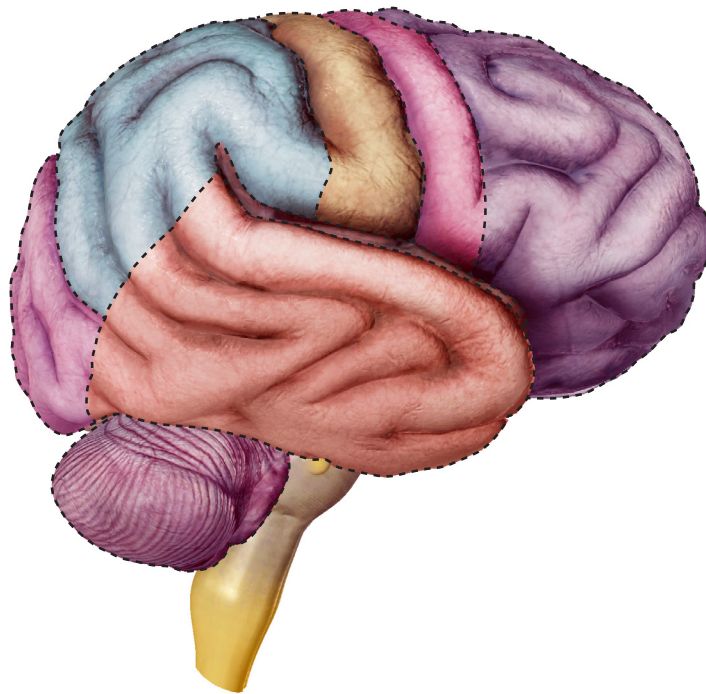


Activity 1: Brain Lab





Activity 2: Brain Lab





Activity 3: Brain Lab

