

# Mapping The Brain

Scholastic Inc.



## Claim!

Technology used today helps us understand the structure and function of the human brain.



## Evidence!



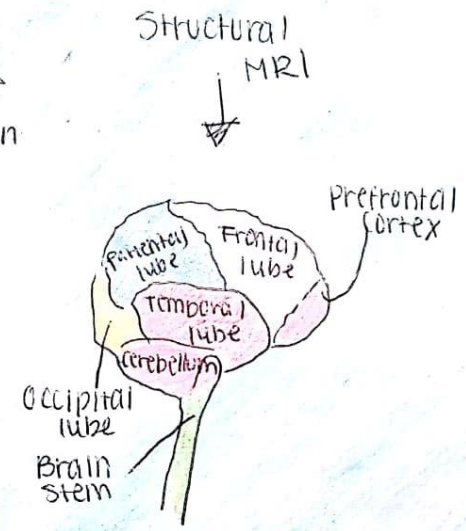
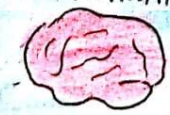
1. "Your brain controls every move you make and thought you think, we know this, and much more, from advancements in neuroscience."



2. "With these technologies, neuroscientists have mapped out which brain regions control different bodily functions."



3. "MRI scans of the brain have shown that people who have been using drugs for a long time have a smaller prefrontal cortex than people who have not been using drugs."



## Reasoning

I agree with the author the technology used today helps us understand the brain. According to neuroscientists the brain controls every move you make and think. This is because special technologies like the MRI and fMRI help them. Using drugs affects the size of your prefrontal cortex. Anything and everything you do will affect your brain, especially drugs. Neuroscientists now have a clear image of what's going on inside us. After all, the studying scientists are one step closer to unlocking the mysteries of the human brain."

## vocabulary!

**Neuroscience** - the study of the nervous system, including the brain

**Structural Magnetic Resonance Imaging** - a machine that shows a detailed image of the structure of tissues, organs, and bones.

**Functional MRI** - a machine that shows the areas of the brain that are active during a task.

**Structural** - arranged in a specific way

**Functional** - does a specific job and is working properly