

Superheroes, Villains, Sidekicks and the Brain





Who?

In groups of no smaller than three and no bigger than four, you are to complete the following unit project. Please note that each member of the group will need to put this into their portfolio so you will need multiple copies.

What is the task?

You are to make up a superhero, villain, or sidekick for the following 17 areas of the human brain. What would that character have as their special power and or special weakness if that part of their brain was 'super'. By the end you should have 17 separate characters.

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- 2. Pons
- 3. Cerebellum
- 4. Thalmus
- 5. Hypothalmus
- 6. Hippocampus

7. Amygdala

- 8. Occipital Lobe
- 9. Temporal Lobe
- 10. Parietal Lobe
- 11. Frontal Lobe
- 12. Primary Motor Cortex

13. Primary Somatosenory Cortex

- 14. Left Hemisphere
- 15. Right Hemisphere
- 16. Broca's Area
- 17. Wernicke's Area

What will my finished product look like?

You will need the following:

- Diagram(s) labeling the location of each of the 17 areas
- 17 Character Descriptions that include all of the following (you can find a sample on the reverse page)
 - o A name for the character that references the brain area
 - Visual(s)
 - o A description of the character's super powers and/or weaknesses
 - o The area of the brain used for that character and what it actually controls in the brain

Amyg Daldan

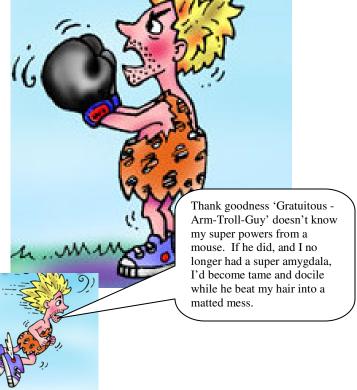
Amyg Daldan

Bath of Doom

Bath

Blessed with a heightened amygdala thanks to a freak accident in the Vidal Sassoon mouse testing facility, Amyg'DaMan knows when he can win a fight or when he needs to take flight . . . yo! With only his superhuman ability to read facial features and govern emotions, Amyg'DaMan never gets in over his head. He sports a caveman like costume as a shout out to his ancestors, his peeps you might say. Had it not been for their amygdalas they wouldn't have known when to run from predatory trolls with extra arms or stay and slaughter innocent docile foes. This ones for you Amygdala guy and the quick judgment that saves your life.



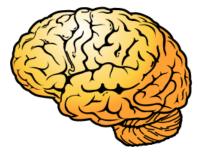


Amygdala –

An almond shaped structure of the Limbic System that governs emotions related to selfpreservation. It is essential for decoding emotions (facial features), and in particular stimuli that are threatening to the organism



Superheroes, Villains, Sidekicks and the Brain:



The Score Sheet

 Medulla Pons Cerebellum Thalmus Hypothalmus Hippocampus Amygdala 	8. Occipital Lobe 9. Temporal Lobe 10. Parietal Lobe 11. Frontal Lobe 12. Primary Motor Cortex	13.Senory Cortex 14. Left Hemisphere 15. Right Hemisphere 16. Broca's Area 17. Wernicke's Area □	
1. Diagram(s) labeling the location	on of each of the 17 areas	/10	
2. Name for the character that ref	/10		
3. Visual(s) for each character			
4. A description of the character's and/or weaknesses	s super powers	/30	
5. The area of the brain used for and what it actually controls in the			
	Total Score	<u>/100</u>	