**Year 10 Psychology**

**Brain Model (Weighting 15%)**

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| **Name:** | | |
| **Class:** | **Date:** | **Teacher:** |

For this task you will be working individually or in groups to create a model of a brain.

You will be given the materials to construct a fantastic, colour and accurate model of a brain. This will be a human brain specifically.

The model should be 2D (flat) but can have some small 3D elements, fit onto an A3 sheet of paper, be labelled and describe the lobe and structures functions to show your knowledge of the brain structure and functions.

* Make sure you include the following structures and their functions:

-Frontal lobe.

-Parietal lobe.

-Temporal lobe.

-Occipital lobe.

-Cerebellum.

-Brain stem.

Additionally, you will need to include the following:

-Overall function and purpose of the brain as part of the central nervous system.

-What each hemisphere of the brain is responsible for.

-What the nutritional and oxygen requirements for the human brain.

-The structures that surround and protect the brain.

-Any additional fun brain facts.

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|  | **4** | **3** | **2** | **1** | **0** |
| **Structures of the brain modelling** |  |  | All structures included. | Structures are included but 1-2 missing. | 3 or more structures missing. |
| **Structure Naming/labels** |  |  | All structures labelled correctly. | All structures are named but 2-3 mistakes. | Structure names have 4+ mistakes or no names. |
| **Brain structure notes** | All structure functions are described accurately. | Structure functions are described accurately with only 1 mistake. | Structure functions are described accurately with only 2-3 mistakes. | One structure function described accurately, and an attempt has been made to describe structure functions. | No description of structure functions or 5+ mistakes in structure functions. |
| **Hemisphere functions** |  |  |  | Contains functions of both hemispheres | Does not contain information on the hemispheres or information is incomplete. |
| **Brain living requirements** |  |  | Contains both the nutritional and oxygen requirements. | Contains either the nutritional or oxygen requirements. | Does not contain information on the brain’s requirements. |
| **Interesting brain facts** |  |  | Contains 3+ additional facts. | Contains 1-2 additional facts. | Contains no additional facts. |
| **Creativity** | Model complete, attractive, creative and easy to read. | Model complete and easy to understand but lacks creativity. | Model complete but hard to understand. | Attempt at a model, but incomplete. | No physical model created or submitted. |
| **Total Mark** | **/17** | | | | |