**independent study on Biopsychology**

* **Ways of investigating the brain**

**These notes will provide you with the core knowledge you need for the lessons on this topic.**

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| **Skill** | **Key questions** | **Notes complete** | **How well do you understand this?**  **Write RED, AMBER or GREEN** |
| **Functional magnetic resonance imaging (fMRI)** | | | |
| AO1 | How does **Functional magnetic resonance imaging (fMRI**) work? |  |  |
| AO1 | What does a fMRI brain scan show us? |  |  |
| **Electroencephalogram (EEG)** | | | |
| AO1 | What do **electroencephalogram (EEGs**) measure? |  |  |
| AO1 | What do the scan recordings represent? |  |  |
| AO1 | What are the 4 types of **EEG waves**? |  |  |
| AO1 | What are **amplitude** and **frequency**? |  |  |
| AO1 | **Why** are EEGs used by clinicians? |  |  |
| **Event-related potentials (ERPs)** | | | |
| AO1 | What is the **difference** between an EEG and an ERP? |  |  |
| A01 | What is the **statistical averaging technique**? |  |  |
| A01 | What has **research** revealed? |  |  |
| **Post-mortem examinations** | | | |
| AO1 | What is a **post mortem**? |  |  |
| AO1 | In psychology, **whose** brain might be used in a post-mortem? |  |  |
| AO1 | **Why** do Psychologists wants to examine the brain after death? |  |  |
| AO1 | What is **spatial resolution**? |  |  |
| A01 | What is **temporal resolution**? |  |  |