**SA/Vol ratio**

**Diffusion**

**Animals vs Plants**

**Eukaryotes & Prokaryotes**

**Osmosis**

**Passive**

**Cell Structure**

**Microscopy**

***Cell Biology***

**Size:**

**M=I/A**

**Cell Transport**

**Specialisation**

**e.g. Sperm cell/Xylem cell**

**Active**

**Cell Division**

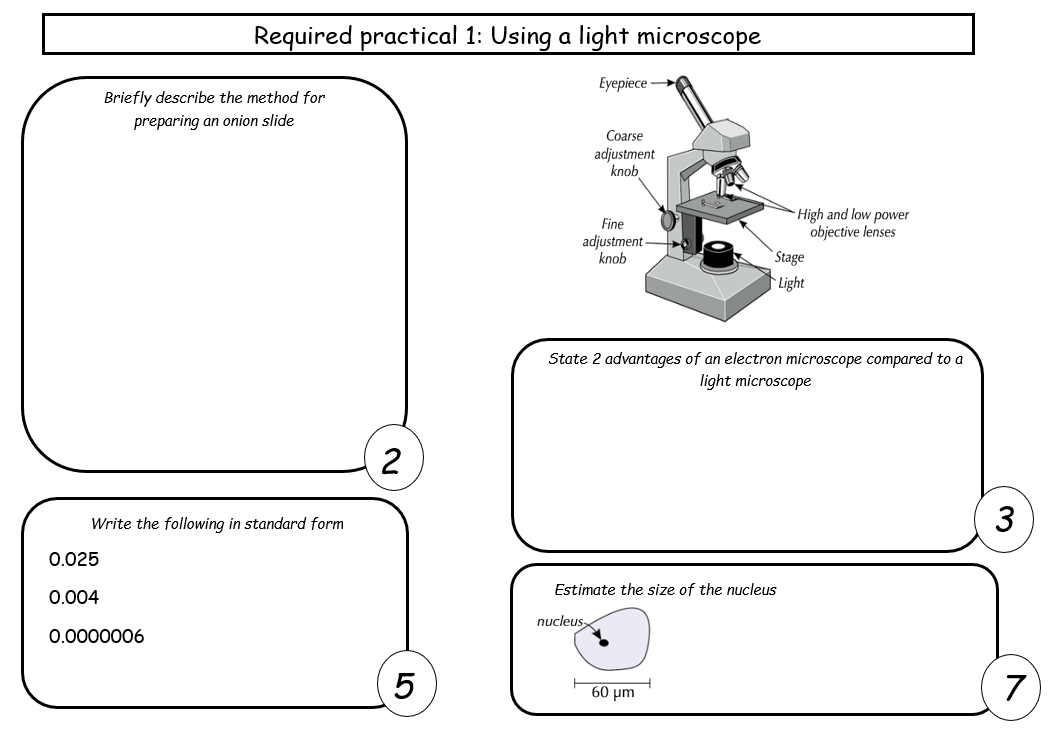
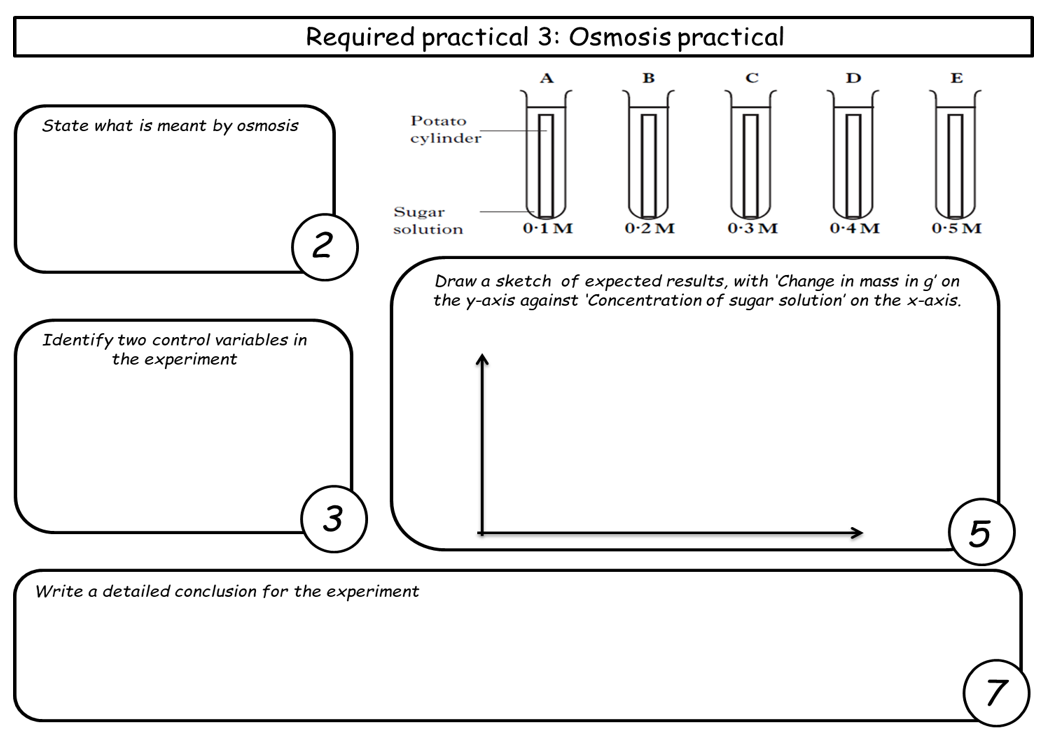
**Active transport**

**Mitosis**

**Stem Cells/ethics**

**Diagrams/sequence**

**Plant stem cells**

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