Terms & Concepts for Unit 1 – Intro To Biology

Terms in bold are to be included in your Glossary for your Logbook (this means you will need to write your own definition, based on an accepted definition, for this term in your Glossary list)

**Science**

**Observation**

**Evidence/ Data**

**Inference**

**Hypothesis**

**Theory**

**Controlled experiment**

**Manipulated variable**

**Responding variable**

**Spontaneous generation**

**Cell Theory** – how was it developed? Who were the main scientists who developed this theory?

Role of Microscopes

Types of Microscopes – including advantages and disadvantages

Characteristics of Living Things

Big Ideas in Biology

Levels of Biological Organization

**Evolution**

Darwin’s journey & his main observations

Scientists who influenced Darwin

Evidence for Evolution   
-Fossils, biogeography, anatomy, artificial selection

**Natural Selection**  
-4 processes

**Homologous** – examples

**Vestigial structures** - examples