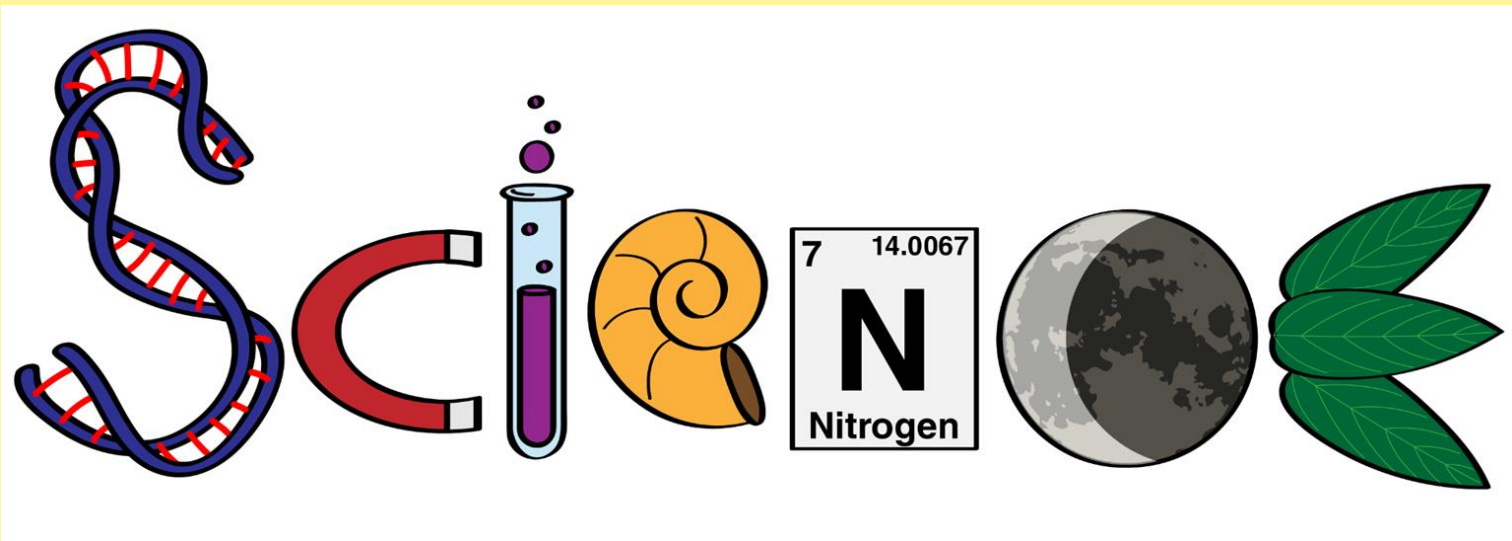


# Revision questions



ARCHBISHOP  
SENTAMU  
ACADEMY  
CHURCH OF ENGLAND



**Intro to science**

1. When using acid what safety precaution should you take?
2. Which piece of equipment would you use to measure the volume of a liquid?
3. Why does opening the valve on a bunsen burner cause a roaring blue flame?

**Variation and classification**

1. State the name of the two types of gametes.
2. Define adaptations
3. Explain how animals go through natural selection.

**Light**

1. What type of wave is a light wave?
2. Describe how you see objects that are non-luminous.
3. Why does light bend when it goes through a solid?

**Sounds and hearing**

1. What type of wave is a sound wave?
2. Which state of matter does sound travel best through?
3. Explain how echoes work.

**Energy in living organisms**

1. What process do plants use to get glucose?
2. What is the function of the stomata?
3. Describe the difference between aerobic and anaerobic respiration.

**Acids and alkalis**

1. Define an alkali.
2. What two products are made when an acid and an alkali react together
3. State the pH range for; Acid, Alkali, Neutral