1.4. Which object is a non-living thing that is also man-made?
   A. A fish
   B. A rock
   C. A green succulent plant
   D. Fortnite TV game

1.5. The diagram below shows a glass of liquid with ice that has been placed in a sunny window. Water droplets have formed on the outside of the glass.

![Diagram of water droplets on a glass with ice cubes and liquid inside the glass.]

Which process caused the water droplets to form on the outside of the glass?
   A. Condensation
   B. Evaporation
   C. Precipitation
   D. Runoff

2. Definitions
   Give the correct term for each of the definitions below. Write the WORD only.

2.1. Plants that produce or make their own food.
   2.2. Any type of solid, liquid or gas.

   Give the definition for each of the words below:
   2.3. Germination
   2.4. Properties
   2.5. Insulator
3. Food chain

The diagram below shows an aquatic food chain.

3.1. What is the main source of energy for this food chain? (1)
3.2. Which organism in this food chain is a producer? (1)
3.3. Identify the organism in this food chain that is the tertiary consumer. (1)
3.4. Which organism is both a predator and prey? (1)
3.5. What animal is the primary consumer? (1)

4. Diagram

Label the diagram of the arm below. Remember to label in the correct scientific way.
Your teacher will hand out the diagram for you to paste onto your answer paper. (6)

5. Identifying bone types

Look at the labelled bones shown on the diagram of the skeleton and find one example of each type of bone.

5.1. Long bone -
5.2. Short bone -
5.3. Irregular bone -
5.4. Flat bone -

5.5. Name two main organs which the rib cage protects. (4)
5.6. What type of skeleton does a human have? (2)
5.7. What are two advantages to humans for having a frame structure as a skeleton?
   Explain your answer. (2)

6. Fill in the missing word.

Fill in the missing words from the word box provided.

Aim, Observation, Habitat, Corrosion, Method, Conclusion, Rust, Apparatus

6.1. ________ is what you need for your investigation.
6.2. A ________ is what you learnt.
6.3. An ________ is what you observed while doing an experiment.
6.4. ________ is what you need to find out.
6.5. Step by step instructions explaining what must be done is called the ________. (5)
7. Investigation

Use the diagram below to answer the following questions.

7.1. Name the objects that are GOOD conductors of heat and electricity. (2)
7.2. Which non-metal objects are floating? (3)
7.3. If I take the plastic cup and fill it with water, would the diagram change? And what would happen to the plastic cup? (2)
7.4. If Mr. Noble takes a magnet and holds it against the clay ball, will it be magnetic? (1)
7.5. Name two properties of metals. (2)

TOTAL: 45 Marks