**SCIENCE & TECHNOLOGY/ AGRICULTURE - GRADE 4 TERM 1 2023**

**SCIENCE AND TECHNOLOGY**

1. All things around us can be divided into two \_\_\_\_\_\_and\_\_\_\_\_\_
2. The last stage of every animal is\_\_\_\_\_\_ (growth, death, breath)
3. I have (42, 32, 22) teeth in my mouth.
4. \_\_\_\_\_\_polluted water does not make it safe for drinking. (Filtering, Boiling)
5. The three states of matters are\_\_\_\_\_\_and\_\_\_\_\_\_
6. Pouring soil out from a container is (filling, emptying)
7. Air pollution affects growth of plants. (True, False)
8. The shape of a \_\_\_\_\_\_varies with that of the containers. (solid, liquid, gas)
9. When an object remains on the surface of water, it is said to be (sinking, floating)
10. \_\_\_\_\_\_travels in a straight line \_\_\_\_\_\_ (Energy, Sound, Light)
11. Which properties of matter do not affect floating and sinking? (shape of the material, type of material, size of material)
12. Sound travels in\_\_\_\_\_\_ direction. (two, three, all)
13. \_\_\_\_\_\_materials allows light to pass through
14. Name the 4 types of clouds.
15. \_\_\_\_\_\_can not be done on a rainy day (Harvesting, Winnowing)

**AGRICULTURE**

1. \_\_\_\_\_\_is a place prepared for planting seeds to grow until they are harvested. (A gardener, Seedbed, Farm)
2. Name the three main types of soil \_\_\_\_\_\_,\_\_\_\_\_\_and\_\_\_\_\_\_
3. Which one of the following is not a benefit of domestic animals? (Source of food, Farming activities, Protecting their young ones)
4. Name three examples of tools and equipment used in gardening.
5. The following are carried out to maintain good conditions for health growth of our seedlings. Which one is not? (Mulching, Watering, Thinning, Harvesting)
6. Fruits are sources of many important nutrients in our bodies. Which type of nutrients is provided by fruits?(Vitamins, Minerals, Fibre)
7. Give three examples of legume crops.
8. The following methods can be used for spreading tiny seeds evenly. Which one cannot? (Use of shaker, Use of sowing tool, By hands, Throwing the seeds)
9. Write three types of materials used for making compost manure. (Dry leaves, Cattle dug, Kitchen waste, Plastic bottles)
10. Name three ways of using water in farming activities. (Water crops, Give animals, To clean equipment, Spray pesticides)
11. The following are examples of leafy vegetables. Which one is not? (Carrot, Kale, Cabbage)

**MARKING SCHEME**

**SCIENCE & TECHNOLOGY**

1. living/non-living
2. death
3. 22
4. filtering
5. solid  
   gas  
   liquid
6. emptying
7. true
8. liquid
9. floating
10. light
11. size of material
12. all
13. transparent
14. nimbus/stratus  
    cumulus/cirrus
15. winnowing

**AGRICULTURE**

1. Farm
2. clay  
   loam  
   sand
3. protecting their young ones
4. jembe  
   fork  
   panga
5. harvesting
6. vitamins
7. beans
8. throwing seeds
9. dry leaves  
   vegetables grass  
   farm waste
10. watering  
    irrigation
11. carrot