

## STANDARD 5 SCIENCE

### WEEK 1

1. State the functions of these teeth

- Canines \_\_\_\_\_  
\_\_\_\_\_
- Premolars \_\_\_\_\_  
\_\_\_\_\_
- Incisors \_\_\_\_\_  
\_\_\_\_\_
- Molars \_\_\_\_\_  
\_\_\_\_\_

2. Gaseous exchange takes place in the \_\_\_\_\_

3. The sheet of muscle separating the chest from the abdomen is called \_\_\_\_\_

4. State 3 things that happen to the air that is breathed in through the nose.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. The function of mucus and hair in the nose is to \_\_\_\_\_

6. The breakdown of food into soluble substances that enter into the bloodstream is called \_\_\_\_\_

7. List down at least 8 organs that makes up the alimentary canal.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

8. Name 3 parts of the alimentary canal where no digestion takes place.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

9. Food moves down the gullet through a process called \_\_\_\_\_

10. Bile juice is produced by the \_\_\_\_\_ and stored in the \_\_\_\_\_

1. Name the digestive juice produced in the:

a. Stomach \_\_\_\_\_ juice, which digests proteins.

b. Liver \_\_\_\_\_ juice which is stored in the \_\_\_\_\_

2. Undigested food is expelled from alimentary canal through the anus by a process called \_\_\_\_\_

3. The breakdown of proteins starts in the \_\_\_\_\_

4. The process of taking in oxygen from air and giving out carbon dioxide is called \_\_\_\_\_

5. Two gases involved in breathing are \_\_\_\_\_ and \_\_\_\_\_

6. The bronchi sub-divide into small tubes that enter the alveoli called \_\_\_\_\_

7. Gaseous exchange takes place inside the \_\_\_\_\_

8. The gas that increases in volume to be breathed out is \_\_\_\_\_

9. The gas that is breathed in and used in our bodies is called \_\_\_\_\_

10. Absorption of all carbohydrates, proteins and fats takes place in \_\_\_\_\_

### PROJECT

1. Collect the 3 types of soil (each 3 handfuls)

2. Research and type short notes about the three types of soil

(USE FONT 12, DOUBLE SPACING)

3. Use bullets but not paragraphs

4. Indicate the books where you sourced the information from e.g. Primary Science Book 5 by KLB page 158.

## WEEK 2

1. State 5 ways in which HIV/AIDS can be spread

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

2. Write down 2 reproductive fluids that can transmit HIV.

- \_\_\_\_\_
- \_\_\_\_\_

3. The counseling done just before one takes the HIV test is called \_\_\_\_\_

And \_\_\_\_\_ is the counseling done after the test but before the release of the results.

4. Initials V C T stands for \_\_\_\_\_

5. Write 2 effects of HIV/AIDS infection on an individual.

6. HIV stands for \_\_\_\_\_

7. The virus that causes AIDS is called \_\_\_\_\_

8. The following are stages of HIV infection

- Full blown AIDS \_\_\_\_\_
- Window stage \_\_\_\_\_
- Symptomatic stage \_\_\_\_\_
- Incubation stage \_\_\_\_\_

Arrange these stages starting from the last one to the first stage.

9. Medicine given to protect people against diseases is called \_\_\_\_\_

10. Name the insect which spreads malaria

1. Unwanted plants growing in a garden are called \_\_\_\_\_

2. I am a very poisonous plant to livestock and human beings if eaten. I produce big white flowers. I have fruits that have thorns. I have a very bad smell if touched. Who am I? \_\_\_\_\_

3. Name 4 oil crops.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

4. State 3 ways of controlling weeds

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

5. Ferns and mosses reproduce by means of \_\_\_\_\_ which is tiny dust like substance.

6. The process through which plants lose water through the leaves is called \_\_\_\_\_

7. The reproductive part of a plant is the \_\_\_\_\_

8. All monocots have \_\_\_\_\_ roots whereas all dicots have \_\_\_\_\_ roots

9. Write down 4 crops that store their food in the roots.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

10. Name 2 stem tubers you know.

- \_\_\_\_\_
- \_\_\_\_\_

## PROJECT

1. Explain the meaning of the term soil drainage. \_\_\_\_\_

2. Identify the materials for carrying out soil drainage.

3. Collect those materials and carry them to school.

4. Identify the procedure or steps followed in carrying out soil drainage.

5. Research on the factors that should remain the same when carrying out soil drainage.

### WEEK 3.

1. The rise and fall in temperature of matter can be measured by an instrument called \_\_\_\_\_

2. Write at least 3 characteristics of:

a. Solids

b. Liquids

c. Gases

3. The change of state from liquid to gases is called \_\_\_\_\_

4. Anything that has mass and occupy space is called \_\_\_\_\_

5. Heat travels through liquids and gases. This process is called \_\_\_\_\_

6. \_\_\_\_\_ is the flow of heat from one point to another in matter.

7. Heat transfer in a vacuum occurs through \_\_\_\_\_

8. Animals that feed on both flesh and vegetation are called \_\_\_\_\_

1. The term used to refer to the feel of soil is called \_\_\_\_\_

2. Write at least 3 characteristics of fish.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

3. What is the difference between cold blooded animals and warm blooded animals? \_\_\_\_\_

4. When the temperature is \_\_\_\_\_ the level of water in the tube of air thermometer rises.

5. Write at least 4 requirements for green plants to make food through photosynthesis.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

6. Digestion of food ends in the \_\_\_\_\_ whereas absorption of water and mineral salts takes place in the \_\_\_\_\_

7. Write down 3 plants that store food in the roots.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

8. Plants that grow on dead decaying matter are generally called \_\_\_\_\_

9. The reproductive part of a plant is the \_\_\_\_\_

10. Write down 2 functions of roots of a plant.

a. \_\_\_\_\_

b. \_\_\_\_\_

### PROJECT

1. Explain the meaning of the term soil capillarity.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Identify the materials for carrying out soil capillarity.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Collect those materials and carry them to school.

4. Identify the procedure or steps followed in carrying out soil capillarity.

WEEK 4

1. Conifers reproduce by use of cones. State 3 plants that are categorized under conifers.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

2. Write down one difference between monocots and dicots.

\_\_\_\_\_

\_\_\_\_\_

3. List down 3 conditions necessary for germination to take place.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

4. The type of medicine used to reduce pain like panadol and hedex are called \_\_\_\_\_

5. Another name for incubation period in HIV/AIDS is the \_\_\_\_\_

6. Which two gases are referred to as respiratory gases?

- a. \_\_\_\_\_
- b. \_\_\_\_\_

7. The scale of an air thermometer is read from \_\_\_\_\_ to \_\_\_\_\_

8. What is the function of a windsock?

\_\_\_\_\_

9. The arrowhead of a wind vane is pointing towards the North. It is true to say that wind is blowing from \_\_\_\_\_

10. Why should a rain gauge be dug at least 15cm into the ground?

\_\_\_\_\_

\_\_\_\_\_

1. \_\_\_\_\_ is the process by which green plants make their own food in the presence of sunlight.

2. What is transpiration ?

\_\_\_\_\_

\_\_\_\_\_

3. Which plant stores food in the same way as an irish potato? \_\_\_\_\_

4. Write 2 functions of leaves.

- a. \_\_\_\_\_
- b. \_\_\_\_\_

5. Ferns reproduce by means of \_\_\_\_\_

6. List at least 4 examples of non -green plants.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

7. In which stage of HIV/AIDS development can a person test negative but can still infect others? \_\_\_\_\_

8. Another name for wind - pipe is the \_\_\_\_\_

9. The finger-like projections which increase the surface area for absorption of digested food along the small intestines are called \_\_\_\_\_

10. The removal of undigested food materials through the anus is called \_\_\_\_\_

**PROJECT**

Using the locally available materials, make a functioning breathing system.  
Carry your project work to school.