

**Sangam S.K.M College-Nadi**

**Year 9**

**Agricultural Science**

**Worksheet 1**

**Solution**

**WEEK 2**

Short Answers Questions

1. Explain how agriculture began.  
*When people learned how to dig the soil and plant crops in it.*
2. State items that were brought by the following:
  - Missionaries – *goats, apiculture, chickens*
  - Explorers - *pigs*
  - Indentured labourers - *cattles*
3. Explain one way in which commercial farmers cater for the large number of people.  
*They use machines to make work lighter and quicker.*
4. Explain at least two importance of :
  - First Aid Kit- *readily available, keep all medial items in one place, can be taken anywhere.*
  - OHS –*creates awareness, safeguards everyone, delegates responsibility*
  - Agriculture- *provides food, employment and leisure activities*
5. Explain a solution to the following challenges faced in Agricultural development.
  - Climate – *raise crops and livestock adapted to the local conditions*
  - Expensive Labour – *use machines*
  - Lack of finance – *require assistance from FDB.*
  - Geography – *Plant crops where they can adapt eg, pine trees on hilly areas*
6. Explain three advantages and two disadvantages of backyard farm.

<i>Advantage</i>	<i>Disadvantage</i>
<i>Fresh vegetables</i>	<i>Hard work</i>
<i>Provides exercise</i>	<i>Mostly infested with pest since less input like pesticide</i>
<i>Save money</i>	

7. Discuss how commercial agriculture affects the environment.  
*Pollutants such as fertilizer and machines are used in commercial farming.*
8. Explain the importance treating an injury.

- i) infected by micro-organisms like bacteria which are contained in soil, plants and animals.*
  - ii) contaminated by dirt and agrochemicals which are present during agricultural activities.*
  - iii) serious if not given the correct professional treatment*
9. State at least three items that can be found in a first aid kit  
*Dressings, scissors, gloves, band aid and adhesive plaster*
10. Explain why Agriculture Science First Aid Kit does not contain any medication.  
*Some medicine cause complication to sick students and many are allergic to it.*
11. Use the OHS sign to answer questions given below.



- i) Who is responsible for making this sign on a farm?  
*The owner of the farm*
- ii) Who is the sign meant for? *Visitors*
- iii) Are the rules instructing or informing? *Informing*
- iv) Explain why the rules can be easily seen. *It has bright colours, and the words are written in black with a yellow background.*
- v) Which word will warn the audience? *Caution*
- vi) What may occur if rules are not followed? *Accidents*

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**Week 1 – Activity Solution**

**Student Activity:**

1. List the three main types of rocks.

- *Igneous, sedimentary and metamorphic rocks*

2. Discuss how metamorphic rocks are formed.

- *They are formed when chemical changes occur in igneous and sedimentary rocks which are under extreme heat and pressure.*

3. Discuss the relationship among sand, silt and clay.

- *When sand and clay are combined in equal proportions, loam is formed. However, if individual sand grains are coated in clay, then silt is formed.*

**Reference:** Agriculture Science for Year 9 Text Book. pp 72 - 74