

Week: 1st week

Class: Basic two

Topic: what is clay soil?

Behavioural objectives: At the end of the lesson pupils should be able to:

1. Describe clay soil

Instructional material/Reference material: clay

Building Background /connection to prior knowledge: Pupils are familiar with soil

Content:

Clay soil is a type of soil that can be used to mould different type of object.

Clay soil are sticky and can absorb many water. They can be used to mould different object like cup, pot, plate e.t.c . They are also used in building houses known as hut.



Evaluation: The Teacher ask the Pupils to:

1. Describe clay soil.

Week: 2nd week

Class: Basic two

Topic: Type of clay soil

Behavioural objectives: At the end of the lesson pupils should be able to : At the end of the lesson pupils should be able to :

1. Mention different types of clay soil.

Instructional material/Reference material: white clay and red clay

Building Background /connection to prior knowledge: pupil have been taught:

1. What is clay soil.

Content: There two types of clay soil, namely;

White clay: They are smooth and fine powder used for moulding different object

Red clay: They are often found in around us. In the river, school compound.



Evaluation: Teacher ask pupils to:

1. Mention two types of clay soil.

Week: 3rd week

Class: Basic two

Topic: where to get clay soil

Behavioural objectives: At the end of the lesson pupils should be able to :

1. Mention some place to get clay soil.

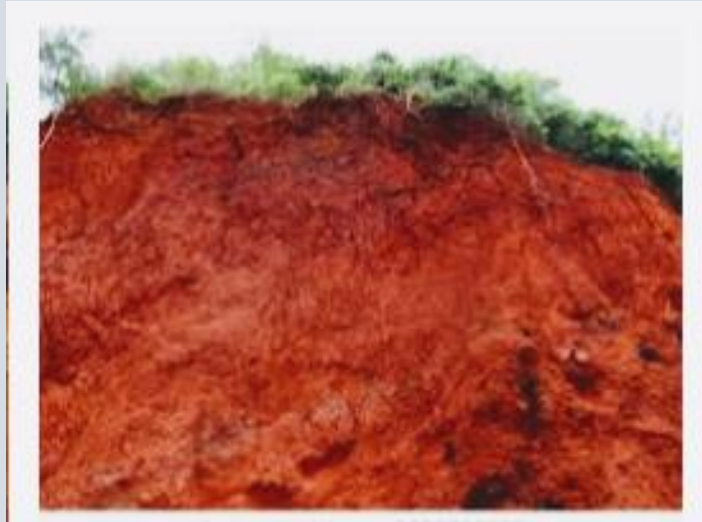
Instructional material/Reference material: Teacher's chart and pictures.

Building Background /connection to prior knowledge: Pupils have learnt the two types of clay soil.

Content: clay soils are common types of soils that can be found around us. They can be found in places like.

1. The riverbank
2. Well
3. Bank.
4. Road side
5. Ant hill. E.t.c

The picture below is showing places where clay soil can be found.



Evaluation: Teachers ask the Pupils to mention

1. Two places where clay can be found

Week: 4th week

Class: Basic two

Topic: properties of clay soil.

Behavioural objectives: At the end of the lesson pupils should be able to:

1. Mention At least 3 properties of clay soil.

Instructional material/Reference material: chart, pictures, clay, water

Building Background /connection to prior knowledge: Pupils have learnt where clay can be found.

Content: Clay soil contain some properties, namely;

1. They are sticky
2. They absorb many water.
3. They are hard and smooth

Evaluation: teacher asked pupil to:

1. Mention properties of clay soil.

Week: 5th week

Class: Basic two

Topic: Experiment to show that clay retain water.

Behavioural objectives: At the end of the lesson pupils should be able to:

1. Record their observation.
2. Describe their finding.

Instructional material/Reference material: clay, water, cylinder, funnel and cotton wool.

Building Background /connection to prior knowledge: Pupils have learnt

1. The properties of soil.

Content: Experiment process:

1. Get a soil sample.
2. Pour the soil sample into the bowl.
3. Add water into the soil sample.
4. Mix the soil sample together with the water.
5. Observe the soil.

Evaluation: Teacher ask the Pupils to:

1. Record their observation
2. Say their findings.

Week: 6th week

Class: Basic two

Topic: uses of clay soil.

Behavioural objectives: At the end of the lesson pupils should be able to:

1. Mention some of the uses of clay soil.

Instructional material/Reference material: clay pot, bricks and pottery

Building Background /connection to prior knowledge: Pupil have learnt and observed that clay retain water.

Content: clay soil can be used for many domestic and commercial purposes.

Uses of clay soil:

1. Clay can be used to mould pot
2. Can be used to build houses
3. Can be used in making ceramics
4. Can be used to make bricks
5. Can be used for planting.



Evaluation: Teacher ask pupils to:

1. 3 uses of clay soil.

Week: 7th week

Class: Basic two

Topic: Digging of clay

Behavioural objectives: At the end of the lesson pupils should be able to:

1. dig clay from school compound

Instructional material/Reference material: shovels and hoes

Building Background /connection to prior knowledge: Pupils have been taught uses of clay.

Content: Digging of clay soil. The following step is how to dig clay soil.

1. Provide tools for digging e.g hoe, shovel e.t.c
2. Look for area having clay soil.
3. Dig the soil out by using your digging tools.
4. Collect the soil in a bowl.

Evaluation: Teacher ask student to dig out clay from school compound.

Week: 8th week

Class: Basic two

Topic: Fetching of water

Behavioural objectives: At the end of the Pupils should be able to:

1. Fetch to mix the clay.

Instructional material/Reference material: bucket, basin, bowl.

Building Background /connection to prior knowledge: student have been taught how to dig clay soil from school compound.

Content: fetch water with the aim of mixing the clay soil.

Use the available bucket to fetch water from the nearest well or pond in the school compound. Pour the water in the clay to mix.

Evaluation: Teacher ask pupil to fetch water to mix the clay.

Week: 9th week

Class: Basic two

Topic: kneading of the clay.

Behavioural objectives: At the end of the lesson pupils should be able to:

1. define kneading
2. knead the clay

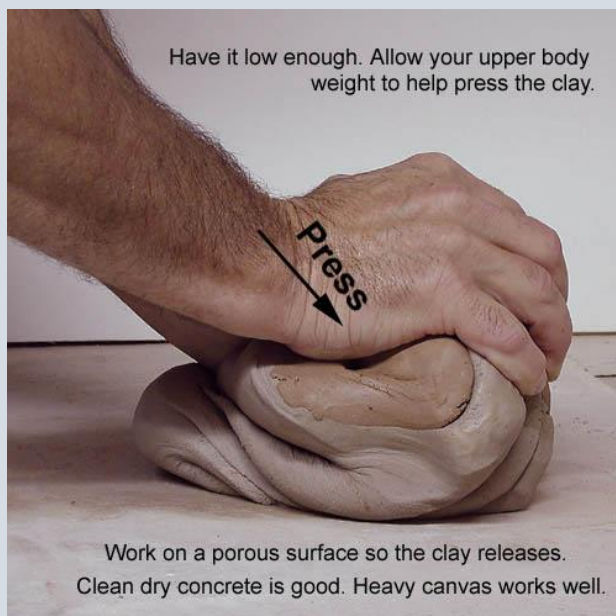
Instructional material/Reference material: water, clay.

Building Background /connection to prior knowledge: Pupils have learnt how to fetch water to mix clay soil.

Content: Meaning of kneading

Kneading means the process of mixing the clay materials with available materials to add strength to the final product.

How to knead the clay: mix the clay soil and water with your bare hands smoothly to give strength. Knead very well till clay arrive till final desired product.



Evaluation: The Teacher ask the Pupils to:

1. say the meaning of kneading.
2. describe how to knead the clay soil.

Week: 10th week

Class: Basic two

Topic: Prepare a Place for Moulding.

Behavioural objectives: At the end of the lesson pupils should be able to:

1. Measure area for moulding

Instructional material/Reference material: Tape and ruler.

Building Background /connection to prior knowledge: Pupils have taught how to knead the clay soil.

Content: measure the area with tape or ruler.

Measure the length and width. Then place the clay materials in the measured area for moulding.

Evaluation: The Teacher ask the Pupils to:

1. Measure the area for moulding.