



Master Lesson Plan

For

Making Pots

Board	Standard	Subject	Chapter	Language	Reference Link	Creatio
CBSE	STD III	EVS	Making Pots	English	Making Pots	2020-10

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Making Pots

1. MS_Objectives_Making Pots

Notes to the teacher: This asset lays down the proposed plan for transacting this chapter.

It states the asset objectives of the MLP.

This asset is for teacher's reference and need not be taught to the students.

The students will be able to:

- identify the purpose of pots or utensils
- correlate the uses of pots and utensils
- get a peek into the most common types of clay
- relate to the benefits of clay pots
- design a pen stand out of clay
- recall the making of pots
- value the difficult situations in life

Time to teach	Asset Type	Theme	SubTheme
2 Minutes	Main Script	Pottery	Cooling Effect, Clay Utensils Clay Utensils

2. IQ_Need for pots and Utensils

1. Why are pots or utensils essential for us?

Answer: Pots are essential for us to cook and store food items. They are also needed to store liquids and carry materials other than food items.

2. Why is clay soil used to make pots, toys etc. instead of sand or any other soil?

Answer: Clay becomes wet and binds with water very easily. It can retain the given shape even after drying. Dried or baked clay is very hard and does not break easily.

3. How did people cook or store food when there were no pots or utensils?

Answer: People must have used big leaves, shells of vegetables like bottle gourds, coconut and pumpkins, hollow objects found in nature to cook or store food.

Notes to teachers: The teacher may enable the students to think and come out with as many answers as possible before giving out the right answer/ answers Teachers may also summarize the different answers given by the students and explain the answer further.

Time to teach	Asset Type	Theme	SubTheme
3 Minutes	Inquisitive Questions	Pottery	Items from Clay, Items from C

3. MS_Making Pots or Utensils

Long time ago people must have found it difficult to store liquids such as water, milk etc. and cooked food items. So it had become necessary to make pots or utensils. First, they made the pots with stones and clay. Then they improved the method of making pots by kneading clay to shape and baking it in fire.

The clay used for making the clay utensils is taken from clay pits in the ground. With the help of a trowel, the clay soil is dug from these pits. The clay is then mixed with water and kneaded. The kneaded clay is shaped into balls, flat sheet (like chappati) and rolled into a coil. The ball or slab or coil is then shaped into required utensils with the help of hands. The mixture of clay and water solution is used as glue to join and bind different pieces of the kneaded clay.

A potter uses a potter's wheel to shape the clay to make utensils and other items such as flowerpots, flower vase, bowls, cups, mugs, lamps or diyas etc.



The clay utensils are then baked inside a kiln. A kiln is a big oven heated to high temperatures. The clay utensils are kept inside the kiln for hardening and drying. It is because of this baking that the clay utensils become strong, hard and are able to retain the shape of the utensil easily. If the clay is not baked, then it would lose the shape and break easily.

The pots are ready to use. Some are then painted and decorated.

In the present days pots or utensils are also made of many other materials such as steel, iron, aluminum etc.



Notes to teachers: The teacher may start the class by asking a few questions

Have you seen utensils at home?

Have you seen a clay pot with water stored in it?

How was the water inside it?

What materials are used to make the clay pots?
Do you know any other uses of clay pots etc.?

Image source:

<https://pixabay.com/photos/ceramic-clay-pottery-art-old-3050615/>

<https://pixabay.com/photos/nabeul-tunisia-clay-handmade-1048838>

<https://pixabay.com/photos/pots-pans-cooking-boat-river-boat-1023710/>

<https://pixabay.com/photos/potmaking-pottery-clay-craft-pot-724164/>

<https://pixabay.com/photos/hands-clay-potter-pottery-1139098/>

Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Main Script	Pottery	Clay Utensils, Clay Utensil

4. DD_Benefits of clay pots



Water remains cool during summer in a mud pot because in an earthen pot, water evaporates quickly through the pores. Evaporation causes the cooling effect. The heat of the water inside the pot is lost because of the evaporation process, which results in lowering the temperature of the water inside.



Cooking in a clay pot is a slow process needs less oil, improves the quality and the taste of food. Also, the food will not get burnt easily.

The food cooked in a clay pot stays hot longer as it takes time for the pot to cool down. Therefore, it helps you avoid reheating the food, which in turn helps in preservation of the nutrients.



Traditionally, tandoori oven is a clay pot used for cooking and baking. Naans, tikkas, and some vegetables can be prepared in tandoori oven. The advantage of tandoori is that they will maintain their temperature for a long time with little fuel.

Image source:

SSSVV Gallery

<https://www.pexels.com/photo/clay-oven-cooking-bread-cooking-naan-bread-cooking-naans-1059672/>

Time to teach	Asset Type	Theme	SubTheme
5 Minutes	Day-to-day Relevance	Pottery	Cooling Effect, Cooling Effec

5. SA_Clay Pen stand

Aim: To make a turtle pen stand using clay.

Materials required: water, clay, and pencils.



Procedure:

- ❖ Wet the clay and make a big ball.



- ❖ Gently pinch the clay to make small balls.
- ❖ Make legs and head of the turtle with the small balls of clay.



- ❖ With the help of the pencil make eyes, nose, and other parts of a turtle.



- ❖ Make a few large holes on the clay turtle to hold pencils and pens.
- ❖ Allow it to dry and use it as a pen stand.



Conclusion: Students will enjoy making and decorating a pen stand with clay.

Notes to teachers:

The activity can be individual or group depending on the availability of the materials and time. The children can make a pen stand of any shape.

The children can also colour and decorate their pen stands.

Precaution: NA

Trouble shooting: If clay is not available, modelling clay could be used.

Image Source:

SSSVV Gallery

Time to teach	Asset Type	Theme	SubTheme
15 Minutes	Suggested Activity	Pottery	Items from Clay, Items from C

6. IA_Types of clay

The three most common types of clay according to the temperatures they are baked are: Earthenware, stoneware, and porcelain.

Earthen ware clay is the most common clay used.



Terracotta is a type of the earthenware clay.

It is a reddish brown hard and baked clay.

The word terracotta means baked earth.

It is often used for water and sewage pipes, bricks, sculptures, roof top tiles, figures, and decorative pieces.

Terracotta is widely used because of its cheapness, versatility, and durability.



Stoneware clay is very hard and is light brown to chocolate brown in colour after baking at high temperatures.



This clay is mostly used to make cooking utensils.

Porcelain clay also known as China clay is made of white kaolin and is baked at high temperatures.



The finished product will have a white, glassy appearance. Porcelain plates, utensils and cups are widely used in restaurants and houses.

Notes to teachers:

Versatile: changeable, adaptable

Temperatures at which the clays are baked: earthenware: 926-1150 OC
 stoneware : 1205-12600C
 porcelain : 1280-1400 OC

Image Source;

<https://pixabay.com/photos/terracotta-pots-flower-pots-399451/>
<https://www.publicdomainpictures.net/en/view-image.php?image=111644&picture=red-roofs-of-herceg-novi>
<https://pixabay.com/photos/ancient-pottery-pots-clay-antique-2179091/>
<https://pixabay.com/photos/tea-set-saucer-cup-tea-set-drink-1069145/>
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<https://pixabay.com/photos/terracotta-product-malwa-utsav-2017-2414896/>
<https://pixabay.com/photos/dish-shelf-plate-painted-handmade-1290426/>

Time to teach	Asset Type	Theme	SubTheme
3 Minutes	Interesting Asides	Pottery	Terracotta, Terracotta

7. VC_The Invisible Potter

The potter converts a piece of clay into beautiful and useful items with the help of potter's wheel. The potter mixes the clay with water and kneads it well. He then places it on the centre of the potter's wheel. The potter then spins the wheel to give the clay the required the shape. During this process he applies pressure on the clay to get the required shape. The extra clay is trimmed off to give it a proper finishing. The clay item is then baked to get a strong and hard end product.



Just as the potter makes beautiful items with a piece of clay, we are also transformed in to beautiful human beings by God. He is our invisible potter. We are the piece of clay in His hands. God is our invisible father and mother. When you pray for His help, He will always support you. He will turn your wheel of life faster or slower depending on what is needed and help you overcome all obstacles. He will hold your hand and lead you through all your work, enabling you to achieve what you wish and be happy. He will help you make what you wish to make out of your life."

Time to teach	Value Type	Value Sub Type	Value Attribute
3 Minutes	Peace		Group Activities

8. QA_Making Pots_A recap

I) Give two examples for the following:

1. Materials used to store food long ago:
2. Material used to make pots long ago:
3. Items made of clay:
4. Methods involved during making of clay pots:
5. Materials used to make pots now a days:
6. Method to shape clay:

Answers: a. Big leaves, Coconut shells b. Stones, Clay c. Pots, Flowerpots d. kneading, baking e. Plastic, Steel
f. With hands and Potter's wheel

II) Give reasons for the following:

1. Long time ago people started making pots with stones and clay..
2. Water remains cool when stored in clay pots.
3. Pots and utensils are necessary for us in our daily life..
4. It is necessary to bake the clay items.

Answers:

1. People must have found it difficult to store liquids like water or cooked food. They also must have needed pots to carry water and food items from one place to other.
2. In an earthen pot, water evaporates quickly through the pores. Evaporation causes the cooling effect. So the water remains cool during summers.
3. We need pots or utensils to cook our food. Pots are also needed for storing food items and liquids.
4. Baking clay makes it strong and hard. The clay also retains the shape after baking.

III) Arrange the following steps of making clay pots

1. Decorating the clay pots.
2. Mixing clay with water.
3. Baking the clay pots in a kiln.
4. Using clay and water mixture to join different parts.
5. Kneading clay to the shape of a ball or flat slab.
6. Digging clay from soil.
7. Giving the wet clay the required shape and size.

Answer:

1. Digging clay from soil.
2. Mixing clay with water.
3. Kneading clay to the shape of a ball or flat slab.
4. Giving the clay the required shape and size.
5. Using clay and water mixture to join different parts.
6. Baking the clay pots. 7. Decorating the clay pots.

Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Assessments	Pottery	Clay Utensils, Clay Utensil

9. MS_Summary_Making Pots

In this chapter we discussed the following:

- ❖ the need for pots and utensils
- ❖ the process of making clay items by hand
- ❖ the necessity of baking in a kiln
- ❖ uses of clay pot

Time to teach	Asset Type	Theme	SubTheme
2 Minutes	Main Script	Pottery	Cooling Effect, Clay Utensils Clay Utensils