Primary School Learning Activities

Standard Three

FOCUS: MAKING PAPER BOWLS

Content	Activities	Tools and materials needed
Recognise that a combination of materials can be used to create 3- dimensional objects	Understand the term **mould** Construct and decorate 3 different size bowls by sticking paper unto a mould.	Balloons Bowls Newspapers White glue and water Paint- acrylic or poster Paint brushes sponge Scissors

Activities:

- What is a **mould**? A shaped object used to give the same shape to liquids or materials to make another object. Let's look at an example and write the answers on a piece of paper.



Picture 1

Shaped object: _____

Liquid or materials: _____

Object made: _____

Click this link for the answers: Answers

You are going to make a bowl set using layers of paper and glue. Let's Begin!

- ***Step 1- Tearing old newspapers***
  Tear newspaper sheets into strips.
  Tear up an entire newspaper.
  Your strips will look like this →



- ***Step 2- Making the moulds***
  Get three balloons and inflate them to different sizes.
  Knot each balloon and place each one in a separate bowl.
  Place each balloon so that the knot is on the inside of the bowl.
  Look at this example in picture 2. →



Picture 2

- ***Step 3- Mixing the glue mixture***
  In a small bowl, mix 1 cup of white glue with half cup of water (you can use less water if you can).

- ***Step 4-Preparing the mould***

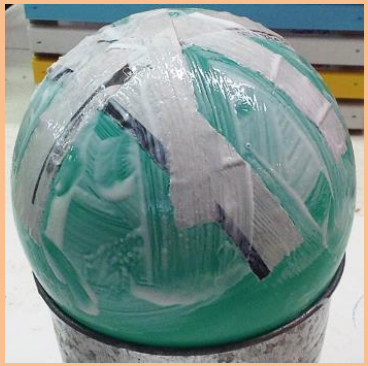
  Using the sponge, gently apply a little glue mixture to each mould (balloon). Look at the example in picture 3.



Picture 3

- ***Step 5- First layer***

  Add strips of newspaper to the wet balloon using your sponge and glue mixture. Look at picture 4



Picture 4

Add strips to approximately ¾ of each balloon, as seen in picture 5.

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Picture 5

- ***Step 6- Remaining layers***
  Repeat step 5 to each balloon by adding 4 – 5 layers of newspaper strips with the glue mixture.
  After adding the layers, let balloons dry. It will take a few hours, maybe even overnight.

- ***Step 7 – Removing the mould***
  Pop each balloon! Give it a minute or two for
  the balloon to pull away from the paper.
  Remove all pieces of balloon from the paper bowl.
  Look at example on picture 6.



Picture 6

- ***Step 8- Neaten the bowls***
  Using your scissors,
  cut each bowl to make a rim.
  Look at example on picture 7



Picture 7



You should ask an adult to assist you with cutting the bowls.

- ***Step 9- Decorating the bowls***
  Paint the inside of each bowl twice.
  Let the paint dry. Look at example in picture 8.



Picture 8

Turn each bowl over and paint the outside twice as well.
You can also decorate the outside of each bowl with stickers, drawing and cut-outs etc.

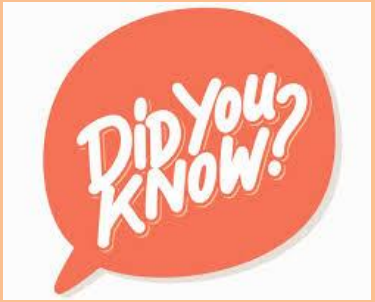
- ***Step 9-Completing the bowls***
  After each bowl has dried, turn the bowls upside down. Gently press the center of the bottom of each bowl. This 'dent' should now allow the bowl to stand without tilting.

Your completed bowls should look like this.
Is yours like this or **better**





Picture 9



- The word mould has two (2) different meanings and two (2) different spelling!
- White glue dries clear!

Credits

Picture 1: https://www.rd.com/home/improvement/get-ice-cubes-out-of-tray/

Newspaper strips: http://www.tightwadtara.com/2013/04/gluten-free-paper-mache.html

Pictures 2 – 9 : https://www.kixcereal.com/kix-cereal-paper-mache-super-bowls-craft/