

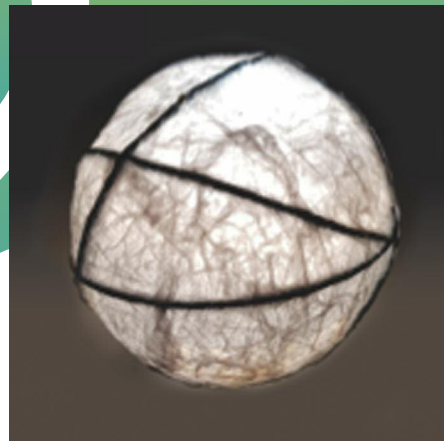
## ACTIVITY 9

# PAPIER MACHE LAMPSHADE

**AGE: 10 - 14 years | ACTIVITY LENGTH: 1 Hour**

### MATERIALS REQUIRED

Coloured art tissue or gift wrap tissue paper  
PVA glue, balloon, L.E.D. tea light, wool  
A bowl, a lollipop stick, a scissors  
Disposable cup masking tape  
Salt or uncooked rice.



#### Step 1

Inflate the balloon to the size of lamp you want.

#### Step 2

Three quarter fill the disposable cup with the salt or rice.  
This will give the cup some weight.

#### Step 3

Stick the knotted end of the balloon into the disposable cup with some masking tape. This will act as a stand while working on the lamp, but will be removed later.

#### Step 4

Put 2 cups of water in the bowl and add half a cup of the PVA glue.

#### Step 5

Stir the water and glue mixture with the lollipop stick until the glue has completely dissolved. There should be no lumps of glue sticking to the lollipop stick, the water should now be a milky colour.

#### Step 6

Tear your tissue into strips about 30mm wide and 150mm long.

#### Step 7

Take about two thirds of your strips and Dip each into the PVA mixture, making sure to coat all of them.

#### Step 8

Now, place your strip onto the balloon, moving it around a little and rub the edges of the strip so that it makes a strong bond with the balloon.

#### Step 9

Continue adding strips, do not place all of them in the same direction, but place them in random directions, so that they criss-cross each other.

#### Step 8

Build up the strips on the balloon until it is fully covered. It should be at least tree layers thick, but it is better to add strips until you have a strong multi-layered coat of tissue on the balloon.





### Step 9

Now, dip your wool or string in the P.V.A. solution and stick this to the lamp. Wind it around and around at different angles, making sure it is sticking well to the tissue. Rub along its length to make sure there are no bubbles of air between the tissue and the string.

*NOTE: You will see the reason for adding the string or wool later when you light up your lamp. It creates darker and lighter areas around the surface of the lamp, which makes it look much more interesting.*

### Step 10

Now, continue by preparing the rest of your strips and adding them to the lamp, covering the string or wool completely.

### Step 11

Put the lamp aside for 24 hours and allow it to dry out completely.

### Step 12

When dry, use your scissors to cut away the lower part of the cup.

### Step 13

Having cut away the lower half of the cup, you will see the knotted end of the balloon. Cut a hole in the balloon with your scissors.

### Step 14

Now, carefully remove the balloon from inside the lamp.

### Step 15

Use your scissors to cut through the lamp just above the line of the top of the disposable cup. If done carefully, this should leave an even, level hole at the base of the lamp.

### Step 16

Now, Place the lamp on a level surface and check whether it stands evenly. If not, carefully trim around the base to adjust it.

### Step 17

To light the lamp, stand a L.E.D. nightlight at the base of the lamp. Make absolutely certain that this is the only type of light source you use. Never place the lamp over a naked candle, nightlight or flame of any kind. Remember that some electric bulbs, even small ones produce a lot of heat, and are not to be used either.