

Moon Mysteries

Station 2: Moon Slider

We're going to make a slider that will show us some of the different types of moons we can see throughout the year.

Equipment Needed:

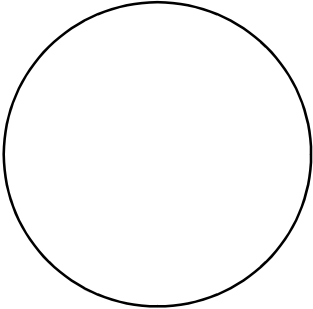
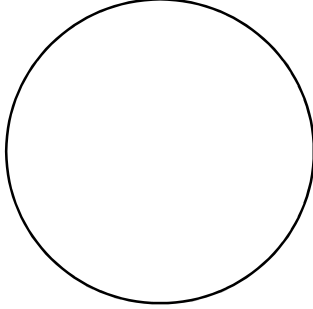
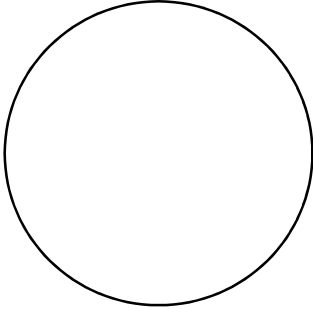
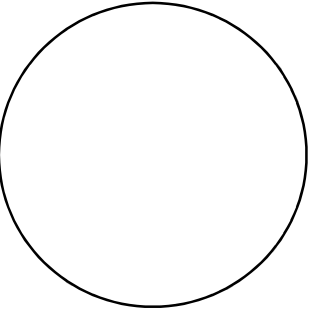
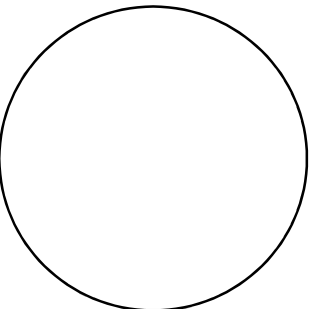
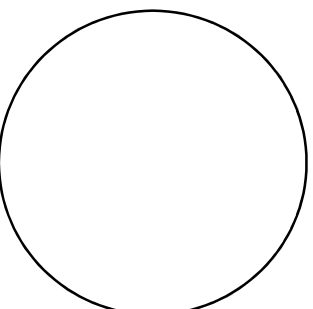
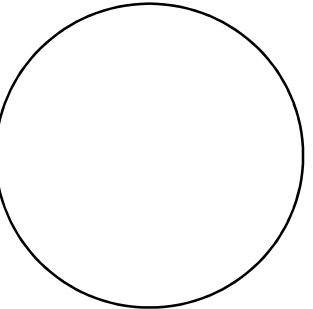
- black card
- pastels and colours
- scissors
- tape
- stapler
- circles to trace

Steps:

- 1) Take one of the circles and trace into a piece of black card. Make sure it is in the centre of the page. This is your moon.
- 2) Use pastels and colours to make your moon look realistic. You can use the example pictures to help.
- 3) Take a second piece of card and trace a circle into the centre of it. Cut this circle out by folding over the sheet carefully.
- 4) Staple the two pieces together on 3 sides **ONLY**. Leave the right-hand side unstapled.
- 5) Take one last piece of black card. On the left side trace and cut out a curved edge using the tracing circle.
- 6) Slide your curved card in between the two black sheets. As you move the slider back and forward, you will notice the shape of the moon appears to change. Record your findings on the recording sheet.

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Research what each of these moon phases look like in the sky. The use your slider to make each of them. Finally draw what you see on your slider in the box:

<p>Full Moon</p> 	<p>Waxing Gibbous Moon</p> 
<p>First Quarter Moon</p> 	<p>Waxing Crescent Moon</p> 
<p>New Moon</p> 	<p>Waning Gibbous Moon</p> 
<p>Last Quarter Moon</p> 	<p>Waning Crescent Moon</p> 