



Look Closer: Hands-On Activity



Paint a Rainbow

Look at this beautiful green-blue cup.

Do you know what it is made of?

Did you know that glass is made from sand? Sand is heated in special kilns with high temperature until it turns into liquid. This liquid can then be shaped into many different shapes.

What does the pattern on this container reminds you of? If you thought about honeycombs, you are spot on!

In fact, the glass was made by blowing the melted glass into in a special mould that had a honeycomb pattern. It really helps to show off the object's beautiful colour as the light shines through.

Hands-On Activity

People have used glass objects for many centuries. Glass is not only practical, but always looks beautiful because of the play of light on it.

Did you know that a clear glass with water allows you to draw a rainbow? Let's try!

Materials: All you need is a clear glass of water, light, and markers or coloured pencils!

Fill a glass of water and place it on a piece of paper. Let the direct light pass through the glass and move the glass until you find the rainbow near the base. Then trace and colour your rainbow!

You can do the same activity at night by using a flashlight!



Image: **Beaker**, Iran, 11th to 13th Century, glass; transparent deep blue, mold blown, tooled, height: 12.1 cm, AKM656