2D shape

Aims

- To provide a set of images to support Key Stage 1 Maths: 2D shape.
- To provide students with visual encounters with a variety of objects that use shape as part of their form or decoration.
- To provide teachers with an opportunity to build student familiarity in terms of shape vocabulary and identification of shapes in real life contexts.

Description

- A sequence of 12 slides

Teaching ideas

- Revise the shape names with your students. Create a list of shape names and then use the objects to play ‘Shape I spy’ and tick them off as you spot them.
- Look at the objects and create a tally chart to show how many times you spot different shapes.
- Select a particular shape and decide whether it always looks exactly the same on different objects.
- Play shape bingo. Ask students to draw a nine square bingo card and draw a different shape (from a list provided by you) in each square. Show the class the images and see who finds all their bingo shapes first.
- Use the objects as a starting point for art work using shape – e.g. create a geometric tiled floor design, decorate a pot with lines of different shapes, make a shape necklace.
- Print out the images and ask students to annotate them with the shapes they can see on the object. Ask students to find other objects on ‘Explore’ that have shapes on them, print out the image and annotate with the shape names. Use the annotated sheets to make a display.
- Have a classroom/school shape hunt. What shapes can the students spot on objects in the classroom/school?
Notes on the pictures

Further information about the objects in this resource can be found on the ‘Explore’ section of the British Museum website using the web address shown for each slide.

Slide 1: Painted beaker
From: Iran. Date: 4000 BC.
www.britishmuseum.org/explore/highlights/highlight_objects/me/p/painted_beaker.aspx
Shapes: triangle, rectangle, rhombus (diamond).

Slide 2: Woman’s shawl
From: Tunisia. Date: late AD 1900s.
www.britishmuseum.org/explore/highlights/highlight_objects/aoa/w/womans_shawl_bakhnuq.aspx
Shapes: triangle, square, rectangle, rhombus (diamond), polygon.

Slide 3: Bronze coin
From: China. Date: AD 621.
www.britishmuseum.org/explore/highlights/highlight_objects/cm/b/bronze_kaiyuan_tongbao_coin.aspx
Shapes: circle, square, rectangle, polygon.

Slide 4: Bedouin camel decoration
From: Jordan. Date: AD 1970s.
www.britishmuseum.org/explore/highlights/highlight_objects/aoa/c/camel_decoration.aspx
Shapes: triangle, square, rectangle, rhombus (diamond), polygon.

Slide 5: Anglo-Saxon brooch
From: Britain. Date: early AD 500s.
www.britishmuseum.org/explore/highlights/highlight_objects/pe_mla/g/great_square-headed_brooch.aspx
Shapes: circle, rectangle, polygon.

Slide 6: Bylands Abbey floor tiles
From: Britain. Date: AD 1200s.
www.britishmuseum.org/explore/highlights/highlight_objects/pe_mla/m/mosaic_tiles_from_byland_abbey.aspx
Shapes: circle, triangle, rectangle, rhombus (diamond), ellipse (oval), polygon,

Slide 7: Oval lidded basket
From: Egypt. Date: 1550-1295 BC.
Shapes: ellipse (oval), polygon.
Slide 8: Silver dish
From: Britain. Date: AD 300s.
www.britishmuseum.org/explore/highlights/highlight_objects/pe_prb/s/square_silver_dish.aspx
Shapes: circle, square, rectangle.

Slide 9: Gaming tokens
From: Thailand. Date: AD 1800s.
www.britishmuseum.org/explore/highlights/highlight_objects/cm/c/ceramic_gaming_token.aspx
Shapes: hexagon, polygon.

Slide 10: Looking through Brooklyn Bridge
From: United States of America. Date: AD 1921.
www.britishmuseum.org/explore/highlights/highlight_objects/pd/c/crw_nevinson_looking_throu.aspx
Shapes: circle, triangle, rectangle, parallelogram, polygon.

Slide 11: Bridge and fish kite print
From: Japan. Date: AD 1857.
www.britishmuseum.org/explore/highlights/highlight_objects/asia/u/utagawa_hiroshige_suido5%8d_brid.aspx
Shapes: circle, triangle, square, rectangle, parallelogram, ellipse (oval), polygon.

Slide 12: Money envelope
From: China/London. Date: 2005
www.britishmuseum.org/explore/highlights/highlight_objects/cm/p/printed_money_envelope.aspx
Shapes: circle, square, rectangle, rhombus (diamond), octagram star polygon (star), polygons.