

MATHS ACTIVITY - PRIMARY

Use of digital camera, word processing software and scanner

- **The aim** of this lesson is for pupils to put together a fact file of information about 3d shapes. They will take photos of 3d objects, write about their properties and draw them. The scanner will be used to record the children's drawings.

The activity is intended for paired work.

Pupils will work in pairs.

Instructions for child:

The children should have taken part in prior discussion work on 3d shapes. They should be able to recognize 3d shapes in contrast to 2d shapes. They will also have had some previous experience with Word, but may need specific help/ instructions using autoshapes.

The materials you need are:

Pictorial step by step instructions for taking pictures and then inserting them into word processing page.

It would probably be useful to have a template or an example of what the finished layout of the factfile will look like.

New vocabulary

The pupils will need to be taught ICT words like *downloading, viewing screen, lining up, tools, re-sizing, cropping, inserting, scanner.*

Learning outcomes

Pupils will through investigating, be able to name and describe common 3d shapes such as cubes, cuboids, cones, cylinders and spheres.

Pupils will be able to draw a 3d shape.

Pupils will be able to write about their ideas on 3d shapes.

Pupils will be able to create a piece of work involving text and graphics.

They will use ICT purposefully to develop and present their ideas.

Differentiation

Most pupils will be able to make a simple factfile about 3d shapes including photographs, drawings and writing about the properties of shapes. They will include scanned, coloured drawings of 3d shapes.