

Measurements

Measurement of 2D and 3D objects:

Show the children how to measure the perimeter, area and volume of various objects. Indicate that they can be measured in imperial or metric units.

Present the child with various 2D and 3D objects and in groups ask them to work out the volume, area and perimeter.

Class exercise:

In teams, ask the children to measure the area, perimeter and volume of the classroom.

The children should be assigned various bit of the process coming together to determine the overall measurements.

Various measuring devices should be provided, so that everyone can be involved. Graph paper will also be needed to record the outcomes to scale.

Angles:

Explain to the children what an angle is and that it is measured in degrees. You will need to show the children how to use a protractor. Give the children a prepared sheet with various angles on it to practice.

In team ask the children to find angles in the classroom/school, measure them and report back to the class on completion of the project.

Information on the various types of angles should be provided and the children should use this new knowledge to describe their findings further.

Money:

There is another series of exercises already produced where children make their own money and set up a shop in the class room, where people buy and sell things and receive change.

Time:

Ask the children to make a clock out of card with hands and numbers around the clock face using the clock in the classroom as an example of what is required.

Using the clocks, the children use them to understand the various ways that we express time in everyday life.

A 24 hour clock should be discussed and how some clocks and watches use Roman numerals.