

CURRICULUM LINKS

ENGLISH – Learn how to use different forms: statement, questions, exclamation, command.

MATHS – Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm).

ART – Use a range of materials creatively to design and make products.

LEARNING OBJECTIVES

To know how to estimate and measure different units of length.

RESOURCES

For this activity you will need:

- Dictionaries
- A3 paper
- Rulers
- Cubes
- Interactive Whiteboard
- Tape measures
- Art materials including coloured pencils, pens, paper, glue, paper and card

STARTER

- Show a picture of Spinnaker Tower on your whiteboard. Tell the children that they are going on a visit to the Tower and they are going to be thinking about how to measure the Tower (picture below)
- Then ask the children to talk in pairs and then to share with the group ‘What is a tower?’ and ask them to create a class agreed definition.
- Once you have a definition, ask the children how we can measure them?

MAIN TEACHING

- Ask the children to stand up and form pairs.
- Ask them to look at their partner and ask them to estimate their height.
- Now ask them to measure each other, but they are not going to use rulers. Ask them to decide between themselves what they will use to measure each other.
- For children who cannot decide, give them a choice of:
 - Cubes
 - Pencils
 - Books
- Ask the children to decide whether this is the best way to measure a person. Take feedback.
- Give the children a tape measure – one between two. Ask the children to measure each other. They should record their heights in metres and centimetres.
- Now give the children the measuring worksheet and ask them to work in pairs choosing objects to measure.

PLENARY

- On the interactive whiteboard – show them Spinnaker Tower again. Ask them how many children would have to lie end to end to reach the top of the Tower.

EXTENSION

- Ask the children to create a tower in paper or card – that can stand up. They can decorate the tower to look like Spinnaker Tower if they wish.