

**Focus plan for Maths (Goals for shape, space and measures)**

**Activity - Measuring our feet**

**Date -**

**Learning intention**

To develop the children's understanding of differences in size and how to express and record these.

**Resources**

Shoe measure from a shoe shop (if available). Unifix cubes, rulers, tape measures, paper and pencils. Whiteboard or other large area for notes.

Clear space within which to work

**How the activity will be carried out**

In small groups of a maximum of 6 with similar levels of mathematical understanding, talk about how our bodies change as we grow. Ask for ideas of changes that might happen - write these down. Show the children the various methods of measuring, discussing how each might be used and how they can be recorded. Note these also. Tell the children we are going to find out how to measure our feet and record it so that we can check how we are growing over the next few months. Invite the children to take off their shoes - compare these shoes - which is the biggest/smallest? Look at each other's feet - measure them using the different resources available. Draw around them so they can be mounted on a display alongside children's measurements and future changes. Encourage children to record their findings however they choose to be part of this ongoing display.

**Questions to ask/Language to use**

How do your shoes match your feet? How much more? How much less?

Big, small, bigger, smaller, grow, time, next week/month, measure, ruler, tape, shoe shops, shoes,

**Differentiation (Birth to Three)**

Allow children to explore the artefacts  
Explore how we can compare feet - can we draw pictures, make foot prints, touch feet together to see?

**Extension**

How can you make sure you are wearing the right shoes? Label the prints of shoes.  
Make a chart of feet.

**Evaluation**