

Focus plan for Knowledge and understanding of the world

(Goals for exploration and investigation) Activity - Shadow play Date -

Learning intention

To investigate shadows

Resources

Outdoor area with a hard surface, chinks, a sunny day - sunhats and suncream if very hot and sunny.

How the activity will be carried out

In a large group, (suitably protected in very sunny weather) explore the area - are there different coloured areas? Ask if anyone knows what the dark areas are called? Explain that an obstruction means the sun cannot reach the floor there. Invite the children to look for their own shadows, then explore the shapes they can make with their shadows.

Questions to ask/Language to use

Can you see any light or dark areas? What are the dark areas called? What makes the dark area? Does everything have a shadow?

Explore, light, dark, shadow, sun, block, move, shapes, big, small

Differentiation (Birth to Three)

Facing a sunlit wall, 'hold hands' (by leaning hands on wall, keeping them still) with your shadow and dance with the rest of your body and your shadow.

Extension

Invite children to draw around a friend's shadow, colour it in, then later in the day see if there are any changes

Play 'Shadow tag', where they have to jump onto a shadow to make their friend 'out'.

Evaluation