

## Focus plan for Problem solving, Reasoning and Numeracy

### Activity - Sorting Night from Day Date -

#### Learning intention

Use developing mathematical ideas and methods to solve practical problems

#### Resources

2 large hoops

A sun and moon label, for the hoops

Different items/pictures that relate to night and day - e.g. stars, clouds, pyjamas, toothbrush, story book, bubble bath, small world nocturnal animals, shopping bag, day time clothes, breakfast cereal box etc.

#### How the activity will be carried out

Set out the two hoops, one labelled with a sun and the other with a moon. Mix up the related items in a big basket. Invite the children to take an item in turn. Talk about what it is, when we use it/see it/hear it? Would it be in the day or night? Help the children to put it in the appropriate hoop. Repeat with the other items. Are there any that are difficult to place?

#### Questions to ask/Language to use

Where would this go?/Which set does it belong to? /Opposite to

#### Differentiation (Birth to Three)

Put out matching cards or opposite picture cards for the children to explore independently.

#### Extension

Children could set up a third hoop for the items that might fit in both the day and night hoops.

#### Evaluation