

Day 3 – Mirrors

Learning: Learn about how things are reflected using mirrors.

Group Time

- Show them a mirror, what is it? Mirror
- What does a mirror do? Reflects an image

Experiment reflection

What you need:

- Mirror x 6
- Spoon x6
- Plastic Cup x6
- Book with reflective cover and one without x6
- Plastic Sheets x6
- Rocks x6

What to do:

- Give each group a box of items and ask the children to separate the things that reflect and those that don't.

Group Time

- Discuss the common properties of the items that could reflect - Shiny, Flat, Metallic, And Smooth.

Experiment Symmetry (1)

What you need:

- A Single Mirror
- Picture of a tree



What to do:

- Put the mirror onto the tree at different angles and see which way you get a complete tree.

Group Time

- What angle did you have to put the mirror at to get a complete tree – vertical
- The tree is symmetrical (the same) vertically but not horizontally.

Experiment Symmetry (2)

What you need:

- A Single Mirror
- Symmetry worksheet

What to do:

- Get the children to see if they can find when the image is symmetrical.

Group Time

- Question the children about the different images and find out what they found
- Then show the two mirrors joined together, what would happen if you use two mirrors

Experiment Double Mirrors

What you need:

- Two mirrors
- Pictures for duplications, beads, items

What to do:

- Get the children to see what happens to the images when you move the mirrors closer together.

Craft – kaleidoscope

What you need:

- Half completed kaleidoscope
- Beads
- Baking Paper
- cellotape
- Scissors
- Glue Sticks
- Wrapping Paper
- Stickers