

Focus plan for Knowledge and Understanding of the World

Activity - What's in a Clock? Date -

Learning intention

Investigate objects and materials by using all of their senses as appropriate.
Find out about and identify the uses of everyday technology.

Resources

Lots of different types of clocks/watches - real ones and pictures that show the workings of clocks

At least one clock that has been taken apart

Wheels, cogs from construction

Small tray with wet sand

Play dough

Tools such as screw drivers/hammers etc.

How the activity will be carried out

Allow the children to explore the clock resources. Engage with them as they look at the clocks and talk to them about the different parts and how they fit together. Invite the children to experiment with pressing and rolling the clock parts/construction cogs and wheels into the wet sand, or the play dough. What shapes can you make? Can you make a pattern? Allow the children to use the screw drivers and other tools to 'mend' the clocks. Talk with them about why we need clocks.

Questions to ask/Language to use

Shape/pattern/fit together/turn/going around/tick, tock/wind up

How do we tell the time? What makes it go?

Differentiation (Birth to Three)

Leave the clock parts and sand and play dough out for an extended, independent exploration of how clocks work.

Extension

Invite the children to press the clock pieces into the sand/play dough to make impressions that fit together like the inside of a clock.

Evaluation