

MATHS ACTIVITY - PRIMARY

Use of programmable robot, word processing software and digital camera

▪ **The aim**

Pupils will use the ICT resources to perform practically a sequential task which they will then discuss and write about.

The activity is intended for paired work.

The task will be done in small groups with the supervision of an adult.

Instructions for child:

The pupils should be told what the intentions of the lesson are, what they should be observing and what they will be doing at each stage.

- they will programme the robot to visit four classrooms.
- They will take a photograph of where it ends up each time. (right or wrong)
- They will then sequence the photographs.
- They will write a caption for each photograph.
- Finally they will write about how they felt the activity went.

The materials you need are:

The instructions for the visits to the first two classrooms will be ready to be copied into the robot's memory.

New vocabulary

Robot, programme, forward, backward, left, right, distance, download, graphics.

Learning outcomes

The pupils will be able to estimate the distances between classrooms.

They will be able to organize their ideas, deciding which steps and in which order they need to be carried out.

They will be able to talk about and use electronic and programmable toys and equipment.

They will be able to read and follow oral and written directions in a sequence.

They will be able to put events in a sequence.

They will be able to write for a particular audience (their classmates)

They will be able to use pictures, words and phrases to communicate and create a short sequence.