



# Pictograms

**Description:**

Interpreting pictograms to find answers to questions and creating new pictograms with collected data.

**Numeracy Strategy reference:**

Year 3  
Handling data  
Organising and using data  
pg92

**Task analysis:**

Pupils are required to:

- Analyse prepared pictograms
- Create pictograms using data
- Create their own questions
- Ask friends to answer their questions

**Learning Objectives:**

Pupils should be taught to solve a problem by collecting, sorting and organizing information in simple ways.

**Suggested activities:****Oral work and mental calculation:**

Counting in twos, twenties, two hundreds, two thousands ... forwards and backwards starting from different numbers e.g. 17

**Teaching activity:**

Use the printout of the random Flash generated pictogram on a week's rainfall. Discuss that one picture represents two units and therefore half a picture represents one unit. Look at the set of questions accompanying the pictogram and answer the first question as a class. In their group pupils should go on to complete the set of questions. Pupils can complete a second printout using different data if time allows.

With the class demonstrate how to use the Flash pictogram drawing activity to create a rainfall pictogram. In their group pupils should use their own set of data to create a pictogram and generate a set of questions for other groups to answer.

**Plenary:**

Children to bring their own pictograms back to the whole class session and explain their findings. Ask other children to answer their questions.

**Resources:**

Printable Pictogram activity sheets. Flash pictogram-drawing program.

**Learning outcomes:**

Pupils should be able to:

- Make simple pictograms where the symbol represents two units
- Analyse and interpret pictograms to answer questions

**Extension activities:**

Provide other data and ask the pupil to create other pictograms