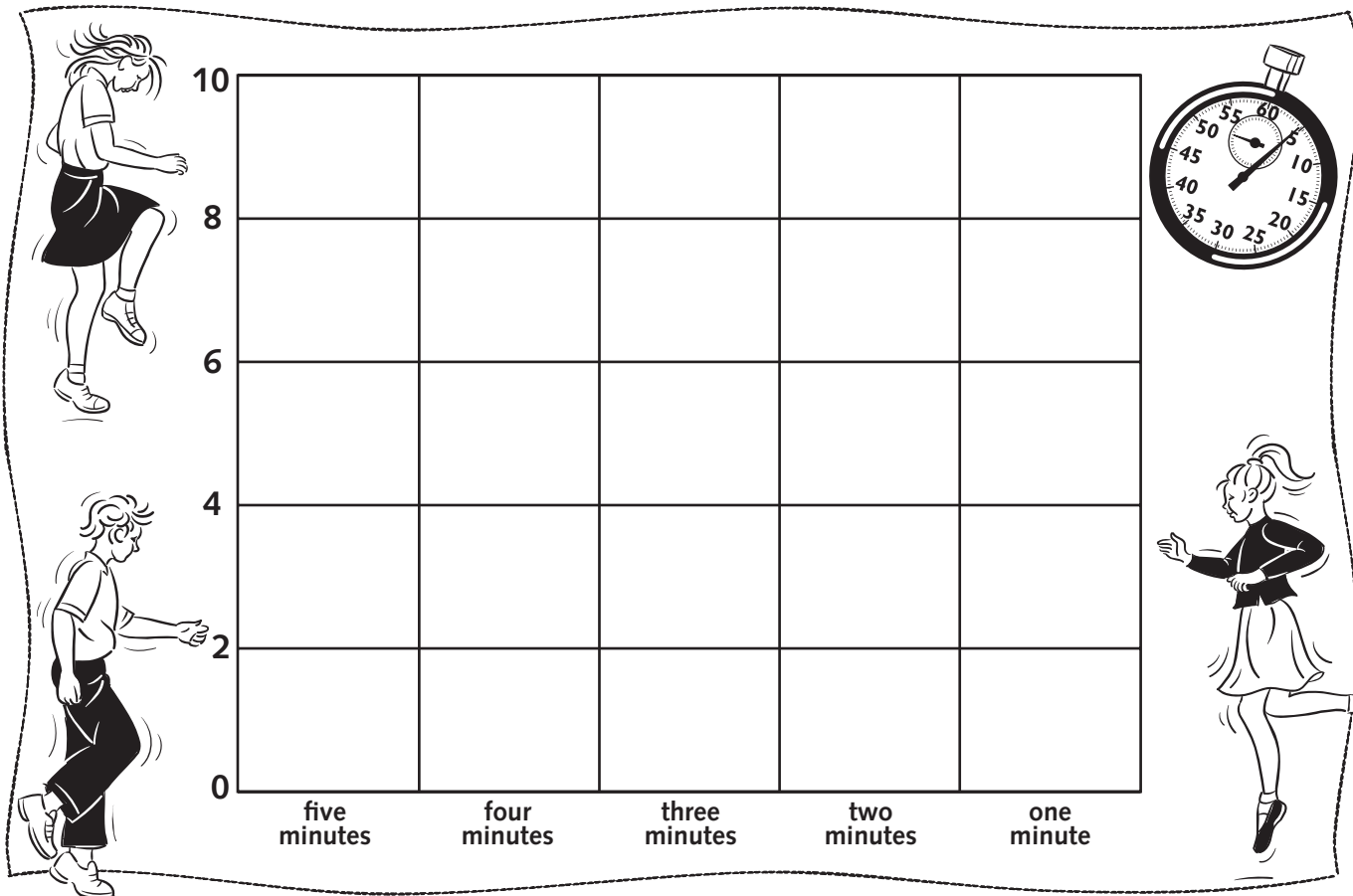


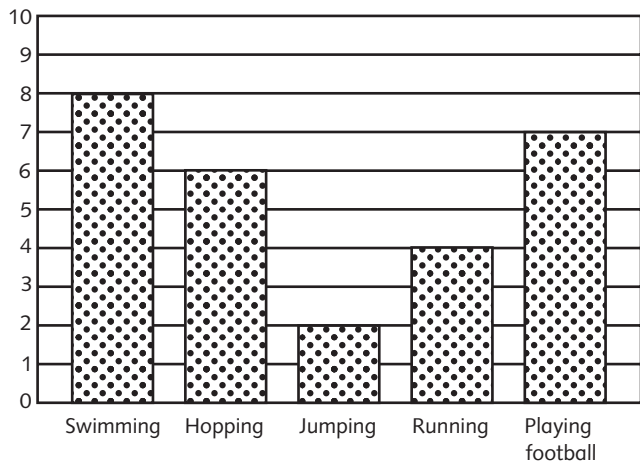
Maths - Plotting and interpreting graphs

1 Read and draw the graph.

There are 26 children in my class. Six children can hop for five minutes, seven children can hop for four minutes, five children can hop for three minutes, five children can hop for two minutes and three children can hop for one minute.



2 Write about the graph.



There are ten children in the group.

- 1 Eight children like swimming.
- 2 _____ children like _____.
- 3 _____ children like _____.
- 4 _____ children like _____.
- 5 _____ children like _____.
- 6 _____ is the favourite activity.

Subject: Maths

Plotting and interpreting graphs

Objective: Plotting and interpreting graphs.

Vocabulary: *hop, swim, read, run, dance, draw*

Introduction

Pupils will be familiar with different forms of graphs such as pie charts, bar graphs and lineal graphs.

Pupils use graphs to represent information gathered in class. They are also required to interpret and verbally express the information shown in a graph.

Warm up

- Play number games with the class. Ask pupils to count up to 100. S1: *One*; S2: *Two*. etc. At every multiple of five, instead of the number, the student must say *Fizz*.
- Repeat with multiples of three. This time pupils replace the number with *Buzz*.
- Combine the two games. Pupils replace multiples of five with *Fizz* and multiples of three with *Buzz*. For multiples of five and three, they must replace the number with *Fizz, buzz*.

Activity 1

- Ask for volunteers to read the text out loud.
- Pupils plot the information on the empty graph.
- Pupils compare their graphs.

Activity 2

- Point to the bar chart and explain that this chart is about favourite sports.
- Ask: *How many children like swimming?*
- Repeat with the other sports.
- Ask: *How many children are there in the class?*
- Pupils complete the sentences.
- Ask for volunteers to read the sentences out loud.

Answer key 1-Eight, swimming; 2-Six, hopping; 3-Two, jumping; 4-Four, running; 5-Seven, playing football; 6-Swimming

Project ideas

- Bring a stopwatch to class. Time pupils doing a physical activity (hopping, standing on one leg, doing push-ups, etc). Pupils make a graph with the results.
- Suggest a number of subjects for a bar graph – means of transport to school, favourite music, favourite food, etc. Divide the class into small groups. Each group chooses a topic, interviews their classmates and represents the results in a bar graph.