

Trend task

Subject Pie

Approach: Independent

Level: Year 4 and year 8

Focus: Labelling a pie graph appropriately.

Resources: None

Questions/instructions:

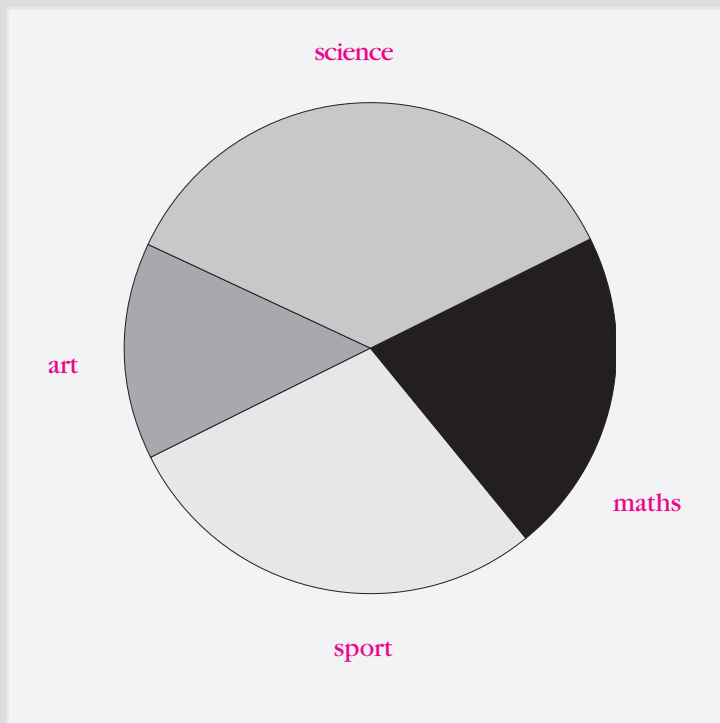
A class at Long Road School did a class survey of favourite subjects.

The results were:

Maths	6
Science	10
Art	4
Sport	8

The pie graph shows this.

Write labels to show each subject on the graph.



	% responses	
	1999 ('95) year 4	1999 ('95) year 8
top segment labelled science	92(55)	98(91)
right segment labelled maths	84(61)	93(92)
bottom segment labelled sport	85(59)	93(93)
left segment labelled art	91(68)	97(95)
Total score:	4	82(89)
	2-3	11(14) 6(6)
	0-1	7(34) 2(5)

Commentary:

This task shows a dramatic improvement in the performance of year 4 students between 1995 and 1999. Thirty percent more year 4 students got the task completely right in 1999. There was little change for year 8 students. Both year 4 and year 8 students were very successful with this task in 1999. Ten percent more year 8 than year 4 students placed all four labels correctly.