

ENGLAND FOOTBALL TEAM MATHS

Name	Age	Caps	Goals	Position
Scott Carson	25	3	0	GK
Joe Hart	24	11	0	GK
Gary Cahill	25	3	0	DF
Ashley Cole	30	89	0	DF
Rio Ferdinand	32	81	3	DF
Stewart Downing	27	27	0	MF
Frank Lampard	33	86	22	MF
Scott Parker	30	6	0	MF
Jack Wilshere	19	5	0	MF
Darren Bent	27	10	3	FW
Peter Crouch	30	42	22	FW

1. Work out the modal age of the England team.
2. Work out the median age of the England team.
3. Work out the mean age of the England team.
4. Now work out the mode, mean and median for the caps and goals scored by the chosen England team. Which average is a better reflection of the data?
5. Draw a pie chart or bar graph to show the data in the table of statistics.

TEACHING NOTES

OBJECTIVES:

- To be able to find the mode, mean and median
- To be able to produce a pie/bar chart using a simple computer program

This would be an activity for more able children. Mean and median are taken from KS3 programme of study.

MODE - the number which occurs most often.

MEDIAN - the middle number. First list the set of numbers in size order. Then count in from both sides until you find the middle number in the set.

MEAN - the average calculated by adding all the numbers together and then dividing the total by the number of numbers in the set

This data could also be used to produce pie/bar charts and easier questions about the data could be generated for less able children.

