**AVERAGE and DATA HANDLING**

*Learn this rhyme. It will help you with the vocabulary and definitions.*

Hey Diddle Diddle,

The median’s the middle,

You add and divide for the mean,

The mode’s the one you see the most

And the range is the difference between.

**Activity 1**

Throw a dice 36 times and use a tally chart to record the number the dice lands on each time.

|  |  |
| --- | --- |
| Number dice lands on | tally |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |

Activity 2

Use this information, to find the mode, median and mean average.

Activity 3

Use the information to draw a bar graph. Remember to label the x and y axis and give your graph a title.

Challenge

Use the information to draw a pie chart. Remember to use a title and a key.

Activity 5

Think carefully about the information. Write 3 to 5 questions about your data. Could you write a question that includes using fractions or percentage. Remember you must have the answer to your question. Ask your partner to read your information and answer your questions. Be prepared as you may have to explain your thinking and how to find the answer.