



St John Fisher RC Primary School

Year Two Maths Knowledge Organiser

Summer Term Two – Statistics

Learning Intentions	Teacher
Make tally charts	
Tables	
Block diagrams	
Draw pictograms	

Make tally charts

Sam has made a tally chart to show the different colours of cars in the car park.

Colour	Tally	Total
Red		7
Black		20
Silver		16
Blue		11

Tables

The table shows the favourite sport of children in Year 2

Sport	Total
tennis	8
football	16
rugby	3
basketball	14

Block diagrams

The block diagram shows the favourite ice cream flavours of children in Class 2

Flavour	Vanilla	Strawberry	Chocolate	Lemon	Mint
Number of children	4	7	9	0	3

Draw pictograms

Key = 1 sock

Sock	Number of socks
spotty	
stripy	
plain	

Key Vocabulary

Bar chart	A picture using bars to show how many or how much of something there is.
Data	Information that we collect, count, or measure.
Frequency	How many times something happens or appears.
Graph	A way of showing data visually, like a bar chart or pictogram.
Pictogram	A chart that uses pictures or symbols to show data.
Survey	Asking people questions to collect information.
Tally	A way of counting using marks in groups of five.

Assessment

Here are some socks on a washing line.
The socks are spotty, stripy or plain.

Complete the tally chart.

Sock	Tally
spotty	
stripy	
plain	

The table shows the favourite ice cream flavours of children in Class 2

Flavour	strawberry	chocolate	vanilla	mint choc
Total	9	13	7	5

a) Which flavour is most popular?

b) How many children are there in Class 2?

The block diagram shows children's favourite colours.

Colour	Yellow	Orange	Red	Blue
Number of children	11	9	5	9

Complete the pictogram.

Key
 = 1 animal

Animal	Number of animals
lion	
elephant	
giraffe	