

STATISTICS LESSON 3

SWE use the graph paper accurately to represent values and reason about what they have found.

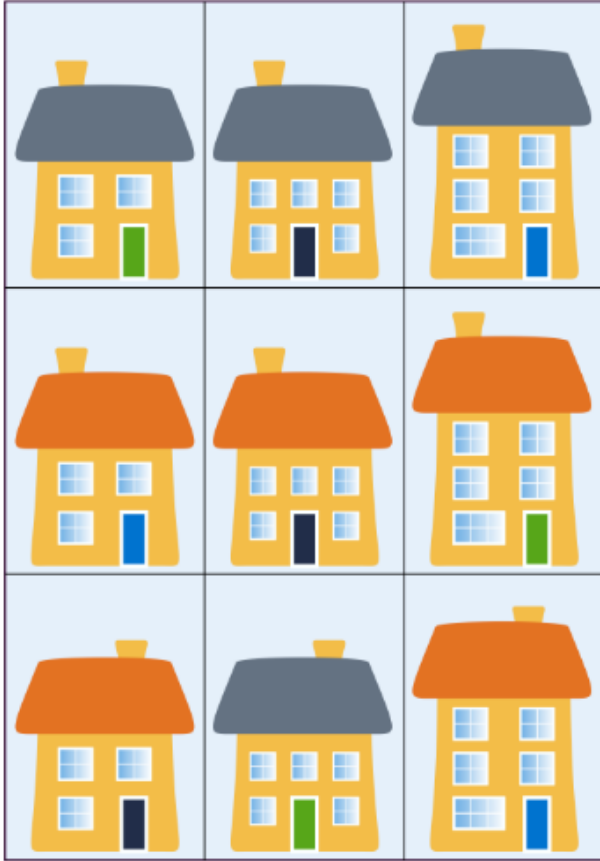
SW draw bars to represent numbers.

MW be able to read amounts from a bar chart.

AW understand what a bar chart is.



RECALL -



SORT THE STREET -

<https://nrich.maths.org/5157>

Here are 9 houses on my street.

How can they be sorted?



What is similar about each house? What is different about each house?



How would you show this data?

TO INTERPRET AND CREATE OUR OWN BAR CHARTS

Date Learning ladder ref

GUIDED PRACTICE



Class 2 are having a quiz.

Who is winning?

Who has the least points?

What else can you tell me from the graph?



Count the blocks.



Do we have to go up in 1's?

INTELLIGENT PRACTICE

Colour	Number of children
Red	5
Green	8
Blue	7
Yellow	2

Class 4 are finding out what their favourite colours are.

Using the cubes, can you create this block diagram?



Can you draw this on the graph paper?



Can you write some sentences about the data?

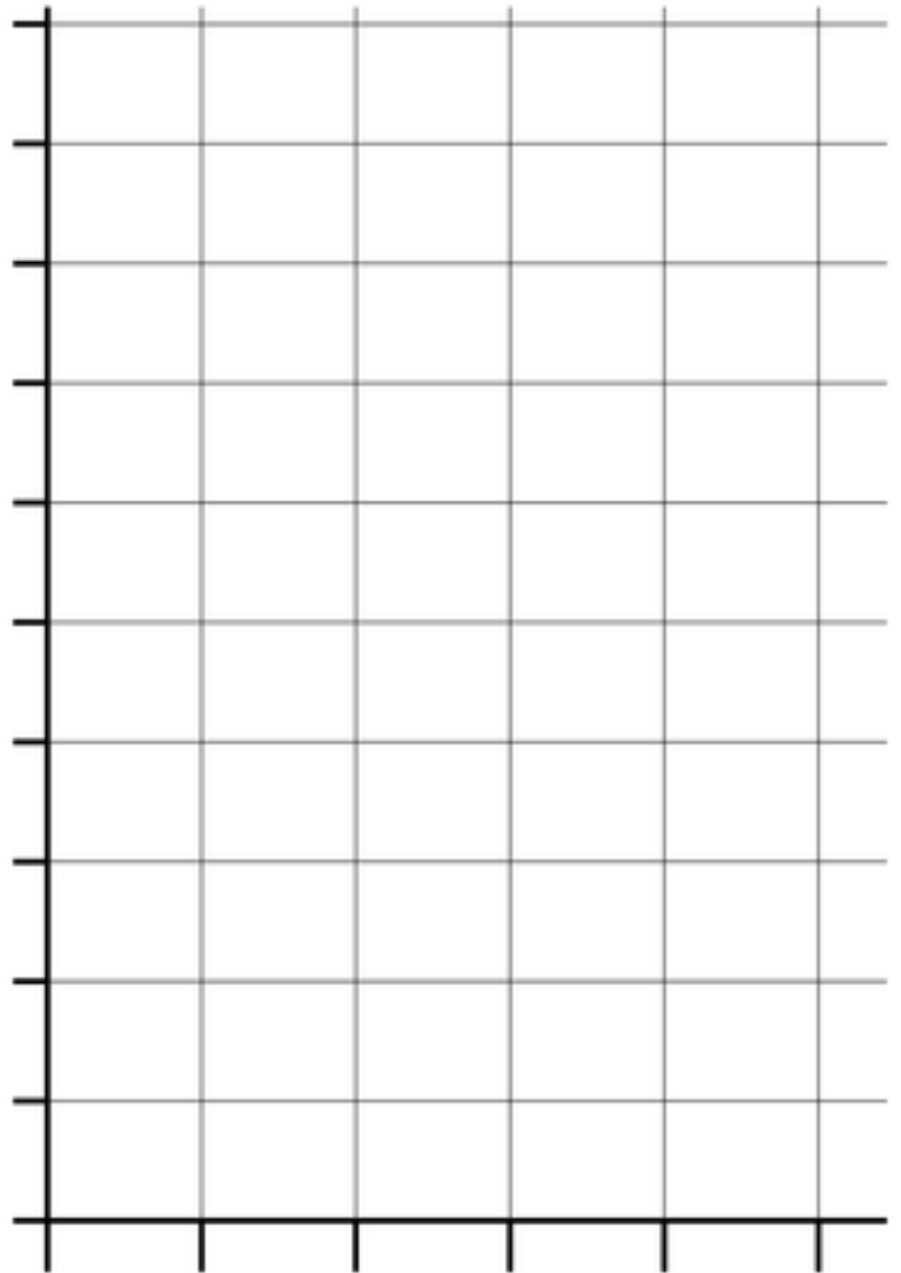


Use the cubes to start with and then copy that onto the graph paper.

Can you show the data in increments of 2 rather than 1?



Colour	Number of children
Red	5
Green	8
Blue	7
Yellow	2



DIVE DEEPER

Here are 3 sets of data. Can we show these in a block diagram? Would we be able to show them on a 1 block diagram? How can we change this to make it easier to show?

Data Set 1

Team	Goals scored
A	20
B	32
C	27
D	16

Data Set 2

Player	Points
1	20
2	65
3	80
4	45

Data Set 3

Name	Score
Ron	20
Eva	12
Amir	6
Mo	16

Use the premade sheets to complete this task.

Can you draw your own chart for this data?

