

03.07.2020

## Maths

Good morning Longboats! We've done another week of home learning – well done! Now there are only 2 weeks left until the Summer holidays! I hope that wherever you are, you are enjoying the Summer already and excited for the six week break!

### Starter (from *White Rose Maths*)

The mass of an empty jar is 470 g.



6 marbles are placed in the jar.



The total mass of the jar and marbles is now 1.1 kg.

Two of the marbles are removed.

What is the mass of the jar and marbles now?

### MAIN ACTIVITY

Here are the lists of first names of the members of Class 5.

One day when 34 children were in class, Mrs Clifton, their teacher, said they were going to make some graphs and charts using their first names. She put the class lists onto the white board.

#### **Girls in Class 5**

Hetty  
Annie  
Tessa  
Debbie  
Willow  
Jess  
Abby  
Sindy  
Penny  
Bel  
Sara  
Pippa  
Selma  
Becky  
Mel  
Pauline  
Netty

#### **Boys in Class 5**

David  
Nelson  
Ali  
Jake  
Harry P  
William  
Ben  
Tom  
Dai  
Arlo  
Andrew  
Harry W  
Tim  
Joe  
Alan  
James  
Jeff  
Mohammed

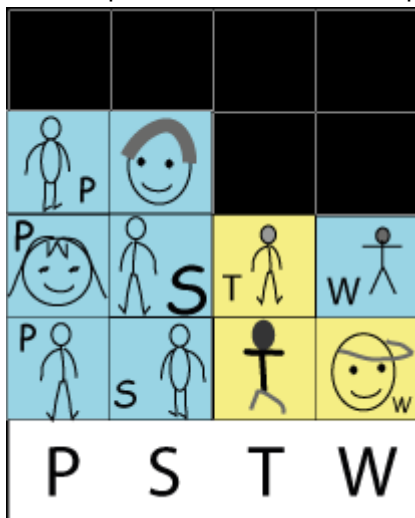
First, they all made frequency tables using the first letter of everyone's name.

This is the first part of Alan and Joe's table:

A - 6
J - 5
B - 3
H - 3
D - 3

*Can you make a frequency table using all the class's names?*

Next they decided which letters of the alphabet were needed and which were not needed to make a block graph of their class names. Then the boys took yellow squares and the girls took pale blue squares, drew a picture of themselves and put the initial of their first name on the square and stuck it onto paper to make a pictogram graph.



The last part of the class's pictogram looked like this:

*Can you see who was away from school that day from this information?*

Next they made bar charts from the class lists to include anyone who was away that day.

This is part of the middle of the bar chart



*Can you tell what letters these were?*

*Can you make a bar chart for the whole class?*