

29.06.2020

Good morning Longboats, how are you today?

I've reset the Dojo points and I'm giving out 5 points each to anyone who completes their Mathletics every week starting again from last week! I'm also giving out points to people who do lots of activities in the week, even if they don't finish everything so if you haven't done any Mathletics for a while and have lots of activities to do – don't worry! Even if you don't finish all of them, you can still win some dojos for having a go.

At the end of the year, the top three people will get prizes as always and if there are lots of people who have completed it every week – there might be more prizes to give out than usual.

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

If

$$\triangle \times \triangle = 25$$

and

$$\circ \times \circ = 100$$

Work out the value of

$$\triangle \times \circ$$

**Main Activity**

This week, we are going to be looking at statistics – that means bar charts, tally charts and other ways of presenting information.

Today, you're going to create your own tally chart. You can either use this table to help you, or draw your own if you need more categories.

	Tally

To fill in the tally chart, you need to choose something you can count. It can be anything you find interesting, but I've put some options below to help you if you get stuck.

Look out of the window if you live on a road and count how many types of different vehicles go past in 10 minutes. (you could use car, motorbike, van, lorry, bicycle, scooter as your categories)	Look on your bookshelf and count how many books you have by different authors (if you have lots of authors with just 1 book by each you could use "other" as a category so that you don't have to do lots of tallies with just 1 line in them).	Ask if you can go through the recycling (make sure that an adult checks there's nothing sharp in their first – like the lids of tin cans) and count how many of each material your household is recycling this week – your categories could be plastic, card, paper, tin – if you wanted you could even sort into clear plastic and colourful plastic because they are recycled differently).
Choose a kind of food and count that. How many different types of fruit do you have at home? How many of each one? many of each one?	Choose five of your favourite footballers and count how many goals each one scored last season.	

One more thing!

You are going to use this information tomorrow as well. Make sure that if you are at school today, you take this piece of work home with you if you are working at home tomorrow!