


Marvellous Maths w/c 22nd February

Brain boost: Year 1

This a problem solving activity that can be done on any day.

Read the picture



socks
 pairs of socks



socks
 pairs of socks

Read the picture



children
 eyes

3 children
 eyes

children
 8 eyes

In addition to the maths lessons, your child needs to continue to their mathematical fluency for example recalling number bonds, counting in 2s etc. They can do this using their Numbots account:

<https://numbots.com/>

or through other games, by making flash cards etc.

We suggest 10 minute sessions every day.



Monday Morning:

This week we will be comparing and measuring lengths and heights. Click on the link below:

<https://vimeo.com/507433257>

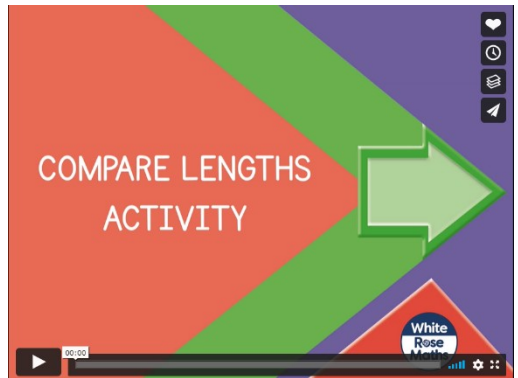
Follow-up task:

All: Within this lesson your child will be asked to find 3 things longer than a spoon and three things shorter than a spoon.

Once complete, please ask them to choose another object of their choice and once again find 3 things longer and 3 things shorter than their object. Make sure they are comparing **length** and not height!

If you have some playdough, you can download the longer and shorter caterpillar mats for your child to continue to practise longer and shorter.

If you want to make your own playdough, try the recipe I use below:



The BEST Homemade Playdough

Ingredients

- 1 cup flour
- 1 cup water
- 2 tsp cream of tarter
- 1/3 cup salt
- 1 TBS vegetable oil
- gel food coloring

Instructions

1. Mix together all the ingredients, except the food coloring, in a medium saucepan.
2. Cook over low/medium heat, stirring. Once it begins to thicken, add the food coloring.
3. Continue stirring until the mixture is much thicker and begins to gather around the spoon.
4. Once the dough is not wet, remove and put onto wax paper or a plate to cool.
5. After cooling (30 minutes) knead playdough for a few seconds.
PLAY!

Tuesday

Please click on the link below and watch the "Compare heights activity" lesson.

<https://vimeo.com/507433540>

Follow-up task:

During this lesson your child will be asked to find 3 things shorter than themselves and 3 things taller than themselves. When they have done this, ask them to collect a selection of toys and ask them to put them in order of height. Can they find 3 things shorter than their shortest toy? Can they find 3 things taller than their tallest toy?

Finally ask your child to complete the comparing lengths and heights problem solving sheet from the resources.

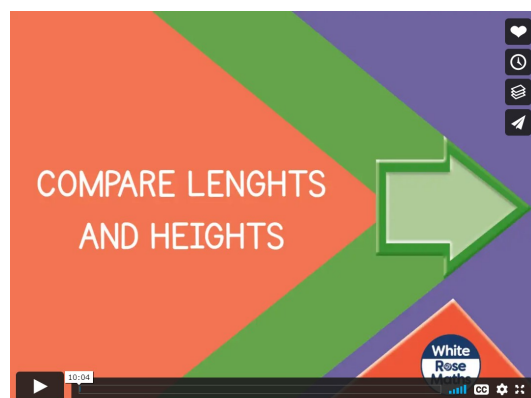


Wednesday

Please click on the link below to watch the 'Compare lengths and heights' lesson:

[Spr1.8.3 - Compare lengths and heights on Vimeo](#)

When prompted, stop and think, or stop and complete the questions on the worksheet. There are a couple of additional questions on the worksheet, just to practise using the correct language of comparison, and, for those who would like an extra challenge, there is an problem-solving and reasoning extension sheet on page 3 of the worksheets document.



You can practise these skills anywhere around the house, or whilst out on a walk with sticks and trees, or even at dinner time comparing the length of chips!

Here are some fun games to practise using the language of comparing height and length:

[Measuring at the Circus Game | Game | Education.com](#)

[Reordering Objects Game | Game | Education.com](#)



Circus Measurement



Reordering Objects

Thursday

Please click on the link below to watch the 'Measure Length Activity' lesson:

[Spr1.8.4 - Measure length activity on Vimeo](#)

In this lesson your child will be asked to go and find some objects for measuring (the lesson is about using non-standard units, so not a ruler please—that comes later). The objects will need to be the same regular size—so think, for example, of lego bricks, teaspoons, Kit-Kats, paperclips, felt-tip pens, coasters etc. Lego would be the best option for the 'measuring your spoon' stop and think question, as you can also use 1s.

The final follow-up task is to measure some items around the house — aim to measure at least 5 objects of different sizes—some large, some small, using appropriately-sized objects for measuring with (ie larger measuring objects for larger items). Make sure that your child starts from one of the thing they're measuring, leaves no spaces, and measures all the way to the other end—drawing lines as per the lesson if necessary. NB some items will be shorter than the number of measuring items — point this out and encourage your child to say 'shorter than', rather than just 'rounding it up'.



Friday

Please click on the link below to watch the 'Measuring Lengths Activity' lesson:

[Spr1.8.5 - Measure length on Vimeo](#)

When prompted, stop and think, or stop and complete the questions on the worksheet. Instead of **question 4**, which refers to objects in the classroom, please choose some items from around your house. Try measuring a teaspoon, dessert spoon, tablespoon and serving spoon using the same measure (eg paperclips) to accurately compare their size, then put them in order of size, using the language of longer, shorter, shortest, longest. Also try measuring one object using different units of measure— eg how long is a toy snake when measured with lego, then kit-kats, then pens etc, to show that non-standard units give different answers. There are also a couple of additional simple reasoning questions on the worksheet, just to practise using the correct language of comparison.

