Year 3

Home Learning Project

Week Beginning: 18.05.20

Theme: **Space**

Maths

Let's practise converting M (metres) and CM (centimetres).

Have a look at the **practise questions on page 2** and then have a go at the **challenges on page 3**!

Remember 100cm = 1M and 50cm = ½M

- Here's some **daily arithmetic**, just like we do in class, to keep your skills fresh and sparkly!

400 + ? = 465

283 - ? = 203

3 x 8 =

50 ÷ 5 =

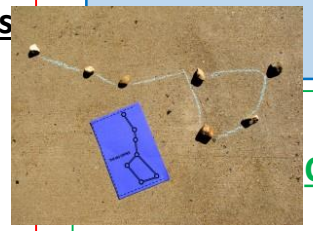
Challenge

42 + 138 + 6 =

200 – 34 =

36 ÷ 3 = 2 x ?

360 ÷ 3 =



Art and Design

Create your own constellation!

Explore the sky at night and create some of the universe's most famous star constellations using only rocks and chalk. Have a look at how these children created different constellations on this website!

After you have recreated a couple of real star constellations, why not create your own and give it an amazing astronomical name!

English

Write an Acrostic poem using one of the planets names – the link shows you some examples.

For each initial letter/new line of the poem, try to include some **amazing adjectives** and also, for some lines of your poem, some **fantastic facts** about the planet that you are writing about!

Here is a website to get you started.

This website is even better and full of facts!

If you wanted an extra challenge – create a Solar System puzzle like this! Perhaps include some more difficult clues in your puzzle!

Science

Explore how craters are formed!

Have a look at this science experiment to investigate how craters are formed and read the information, so that you understand the science behind the fun you are having ☺!

After you have done the experiment, perhaps you could recreate the surface of either Venus or our moon? I've done this using paper mâché on a strong piece of cardboard and then painted it once it is dry.

History

Investigate Space History!

Have a look at the space timeline on this website. Use the website to choose an event in space history that you are interested in. Then find as much information as possible about that event. **I thought it might be fun to imagine that you were on that journey into space ☺!** Recount what happened, describing: the events in order; your feelings; reflect on things that happened and describe all of the exceptional things you saw! You may choose to be the first British woman in space or even Albert II, a monkey!!

Music

Listen to some of these songs that are all about space!

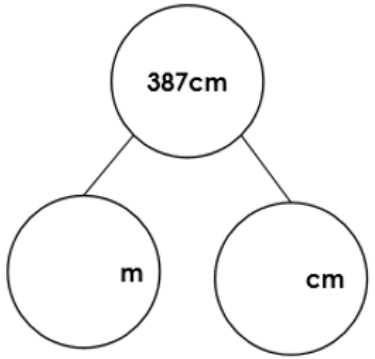
Whilst you listen, think about: which song is your favourite and why?

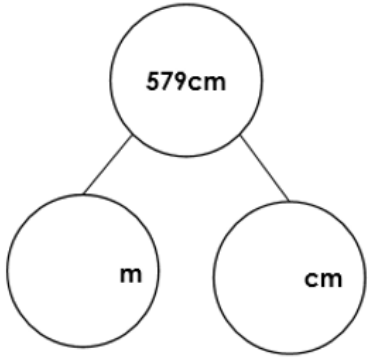
How did each piece of music make you feel?

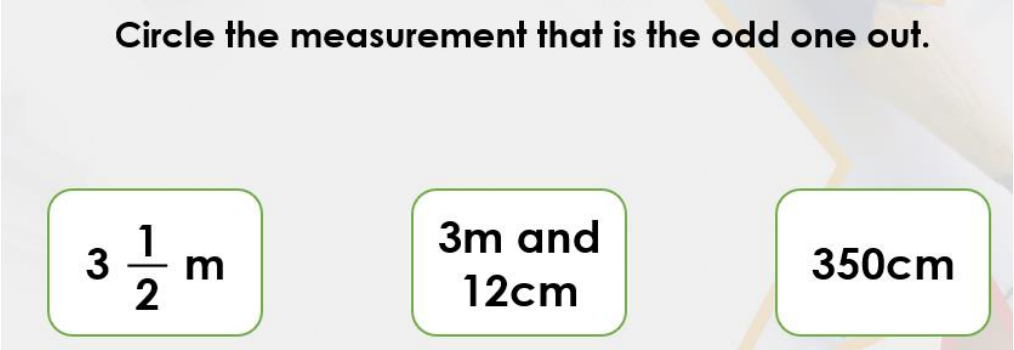
How are the songs Public Service Broadcasting – The Race For Space The Planets by Gustav Holst different to the others? Did you like them?

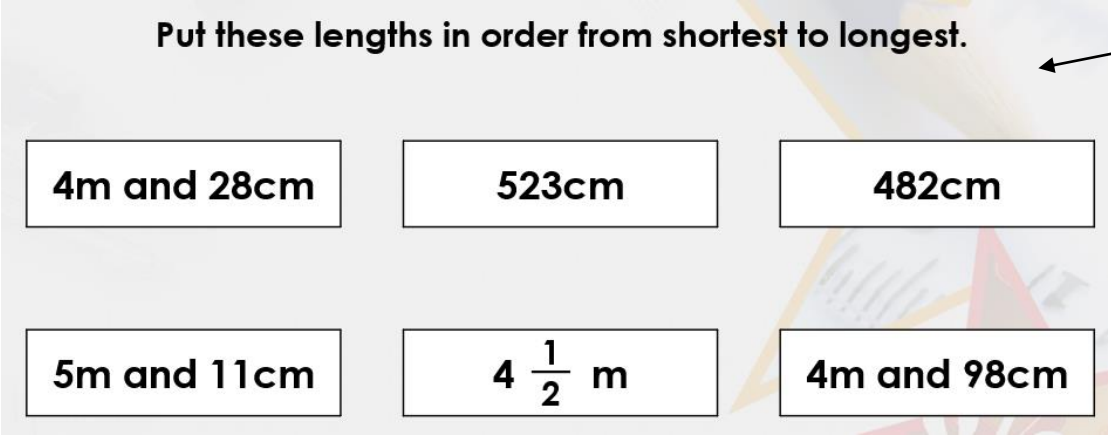
> My favourites were David Bowie – Space Oddity and Ash – Girl from Mars ☺!

Practise –write the answers into your workbook.









Remember what we should do if we need to compare lengths in different units of measure?

Convert them all to the same unit e.g. all into centimetres.

Challenge!

Mo and Alex each have a skipping rope.

Alex says,

I have the longest skipping rope. My skipping rope is $2\frac{1}{2}$ metres long.

Mo says,

My skipping rope is the longest because it is 220 cm and 220 is greater than $2\frac{1}{2}$

Who is correct?
Explain your answer.

EXTRA challenge – it'll really make you think!

1. The children below discussing different lengths. They are trying to work out which of their lengths are equal and can be paired together.

My length is $\frac{1}{2}$ of 1m.

John

My length is one metre and five centimetres.

Mark

My length is < 1m and is a multiple of 5.

Simon

My length is $\frac{3}{4}$ of one metre.

Alice

My length is between 40cm and 80cm.

Meera

My length is > 100cm. It has a digit sum of 6 and 0 as a place holder.

Taylor

Use the clues to investigate which children could be paired together.

CLUE – people like Meera, Simon and Taylor could have more than one number as their number!