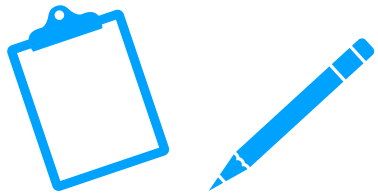


Thursday 14th January 2021



ONLINE LESSON

For this lesson you will need:



Be ready to discuss, "When can friction be useful, including times when it keeps us safe?" Have your lists at the ready. We will continue to work on maths in today's lesson, including converting metric units. I will also read class story today.



Sound switched "ON"



Your brain, as well as your 'Dhoon High 5' and 'Values'.



Follow up challenges/ suggested learning can be found below:

Thursday 14th January – Follow up challenges/ suggested learning:

Maths : Converting metric units of measure:

***You will find grids in the maths resources, 'Unit Target Boards Challenge' (see below)**
Notice how when you convert larger to smaller units you need to multiply (eg. kg to g : X 1000 because 1kg = 1000g).

When you convert smaller to larger units you need to divide (eg. cm to m : divide by 100 because 100cm = 1m). Here are two of the grids you'll will see. Notice that down the left hand side there are hints for how to convert metric units.

Convert larger units to smaller units

Kg to g (x1000)	2.5 kg	6.4 kg	2.25kg	7.75kg	5.055kg
m to cm (x100)	4.59 m	6.08 m	12.73 m	9.01 m	25.6 m
cm to mm (x10)	6.6 cm	8.2 cm	0.4 cm	15.9 cm	28.2 cm
l to ml (x1000)	5.5 l	7.544 l	9.999 l	10.5 l	6.25 l
km to m (x1000)	9.6 km	2.562 km	12.5 km	7.433 km	15.8 km

Convert smaller units to larger units

g to kg (÷1000)	2500 g	6400 g	2250 g	7750 g	5055g
cm to m (÷100)	459 cm	608 cm	1273 cm	901 cm	2560 cm
mm to cm (÷10)	66 mm	82 mm	4 mm	159 mm	282 mm
ml to l (÷1000)	5500 ml	7544 ml	9999 ml	10500 ml	6250 ml
m to km (÷1000)	9600m	2562 m	12500 m	7433 m	15800 m

Extra challenge: : Find out about and convert imperial units of measure: You will have to find out about each unit before you can convert. For example, how many km are there in a mile? The imperial units grid is the 5th slide down on the document mentioned above.
(It may be useful to discuss imperial units with older members of your families too.)

Science : As you know our focus will now be on Forces into next week.

- Study/work to memorise the '**Forces**' knowledge organiser, which can be found on the website in the Class 3 resources section.
- **Science Concept Cartoons**
- I have created concept cartoons based on the information in your '**Forces**' **knowledge organiser**. Think about what each child is saying and whether you agree or disagree. It is important to give reasons and evidence them, using information found in the knowledge organiser.
- Something else to think about and make a list before Friday's lesson:



When can friction be unhelpful
in our everyday lives?

(I think you'll be surprised by how many ideas you come up with.)