Edward Peake Chu	rch of England Middle School	

Topic: Converting Units

Year: 5

NC Strand: Measurement

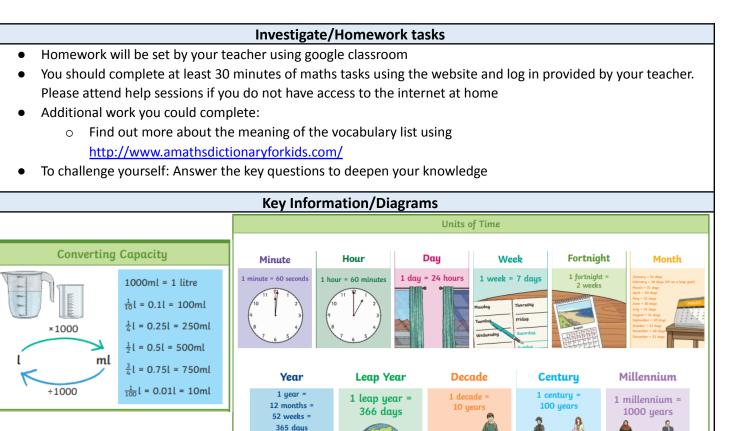
	What should I already know?
٠	How to convert between different units of measure [for example, kilometre to metre; hour to minute]
٠	How to read, write and convert time between analogue and digital 12- and 24-hour clocks
•	How to solve problems involving converting from hours to minutes; minutes to seconds; years to months; we

• How to solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

What will I know by the end of the unit?

- How to understand and use kilograms and kilometres
- How to understand and use milligrams and millilitres
- How to understand and use metric units
- How to understand and use imperial units
- How to convert units of time
- How to understand and use timetables

Vocabulary				
Mass	Capacity	Centilitre	Centimetre	
Gram	Volume	Litre	Kilometre	
Kilogram	Millilitre	Millimetre		





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Key Questions					
What does 'kilo' mean when used at the start of a word?	What do we still measure in inches? Pounds? Pints?	When do we use timetables in every day life?			
Complete the stem sentence: There are grams in kilograms.	Why do you think we still use these imperial measures?	How do we know where the important information is on the timetable?			
How would you convert a fraction of a kilometre to metres?	What does approximate mean? Why do we not use the equals (=) sign with approximations?	When does column method not work for finding the difference between times?			
What is the same and what is different about converting from \ensuremath{kg} to g and \ensuremath{km} to m?	How precise should approximation be?	What is the same and what is different about these conversions?			
Can you complete the stem sentences to convert from millimetres to metres	How many months / weeks / days are there in a year?	Converting from cm to m Converting from m to cm			
What does 'milli' mean when used at the start of a word?	How many hours / minutes / seconds are there in a day?	What does 'centi' mean when used at the start of a word?			
Would it be appropriate to measure your height in millimetres?	Can 21 days be written in weeks? Can 25 days be written in weeks? Explain your answers.	Which unit of measure would be best to measure: the height of a door frame, the length of a room, the width of a book?			
Where have you seen litres before?	Is 0.75 hours the same as 75 minutes? Why or why not?				