

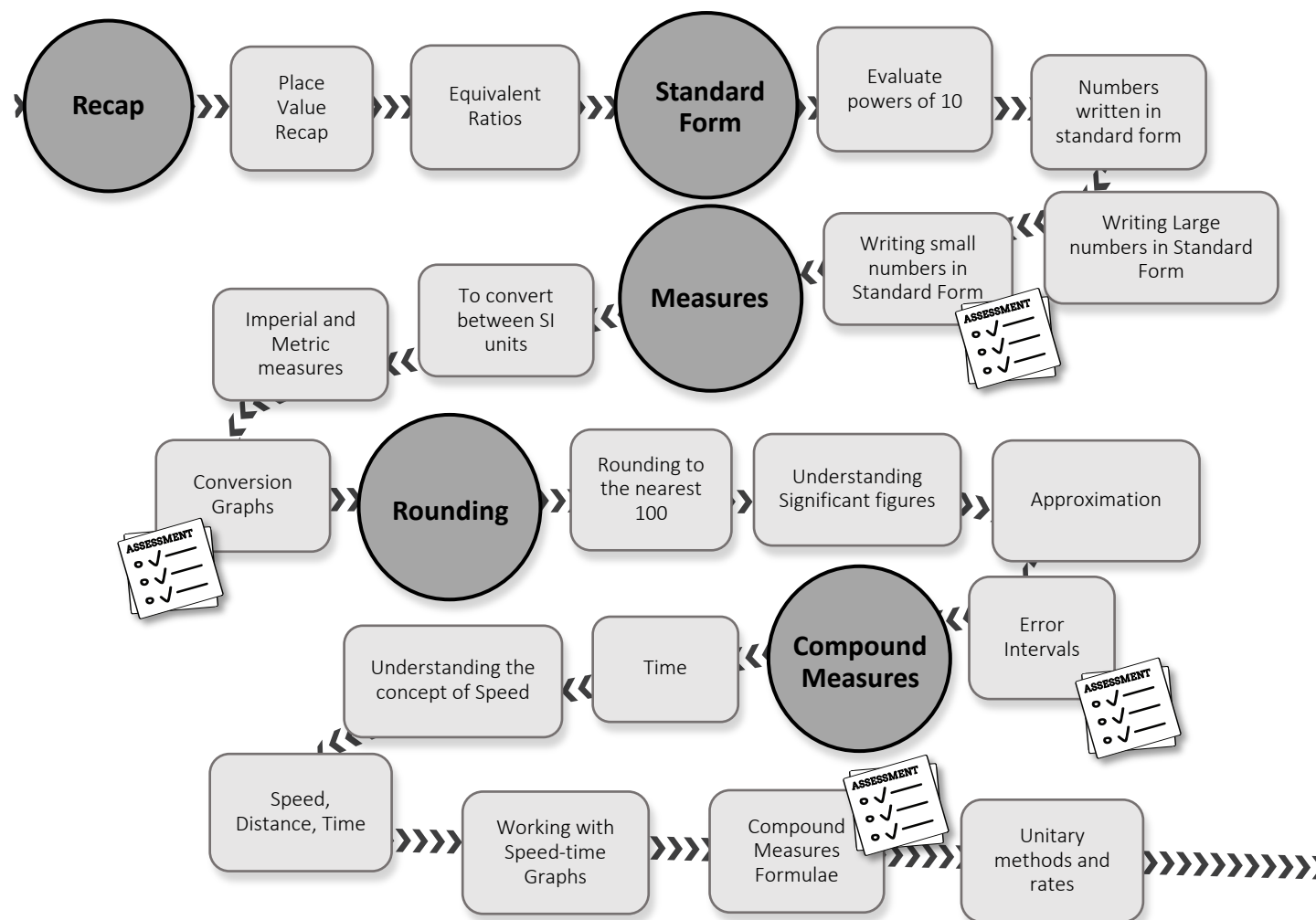
LEARNING JOURNEY MATHS



Standard form, Round and Measure

Year 9 Autumn Half Term 2





Rounding and Measures have many real-world applications. The ability to round and understand metric and imperial measures will be a concept you carry with you through your life. These skills are common in careers such as engineering, construction and architecture. You will have covered some of these concepts in primary school however in Y9 we will be combining your understanding of graphs and proportional reasoning with your existing knowledge of measures. Standard form is used heavily in science, particularly in chemistry. In Science, you will be working with standard form in context, in maths, we will focus firstly on building your understanding of what standard form represents and why we use it, prior to subordinating it throughout the half term.



TUDOR HABITS AND VALUES: Unlike last half term, the concepts covered are all new. The concepts can be difficult. It is important that you show great grit and resilience to ensure you are gaining the most from your lessons.

VOCABULARY:

Power, Index/indices, Base, Round, Bound, Significant figure, Decimal place, Standard Form, Inequality, SI units, Metric, Approximate and evaluate

			Learning Episode RAG	End of Term RAG
Recap	1	RECAP - Place Value		
	2	RECAP – Equivalent Ratios		
Standard Form	3	Evaluate Powers of 10		
	4	Numbers written in Standard Form		
	5	Writing large numbers in Standard Form		
	6	Writing Small Numbers in Standard Form		
		HWK1		
Measures	7	To convert between SI units		
	8	Imperial and Metric Measures		
	9	Conversion Graphs		
		LC1		
Rounding	10	Rounding to the nearest 100		
	11	Understanding Significant Figures		
	12	Approximation		
	13	Error Intervals		
		HWK2		
Compound Measures	14	Time		
	15	Understanding the concept of speed		
	16	Speed, Distance, Time		
	17	Working with Speed-Time Graphs		
	18	Compound Measure Formulae		
		LC2		
	19	Unitary Methods and rates		

Student name: _____ Class: _____

Standard Form, Rounding and Measures				
Recap	Standard Form	Measures	Rounding	Compound Measures

Reflection and Next Steps

Teacher Comment:

Parent Comment:

Signed: