

## MATHS LTP FOR YEAR 8 FOR SPRING 2023

As in previous years I have done a timetable for teaching Maths. This should help to avoid clashes e.g. everyone wanting to borrow balancing scales at the same time. This should ensure that classes are having a “balanced diet” of Maths over the whole year and hopefully nothing important will be omitted.

Progression documents (“Trackers”) for Number, Measuring, Geometry & Statistics have been developed to show progress for each student. Staff can use these to set learning objectives for their students and then assess how far they have come.

With B-Squared now gone and replaced by IEP assessments, I have included some time for specifically testing targets from IEPs. Many of these involve money or time so can of course also be assessed during weeks devoted to those topics. Also, you may wish to devote a lesson each week (or fortnight) to the targets, especially if some need practising regularly.

You may also wish to blend in references or ideas from the Year 8 Spring term “vehicle”. Mental arithmetic can also be taught as you see fit.

There are now an ever-increasing number of resources available; details can be found on the shared staff drive or by asking myself. I would particularly recommend some resources bought fairly recently:

- (i) Numicon – a kinaesthetic approach to understanding basic numbers.
- (ii) Numeracy Warm-Up Interactive Exercises – covers all 4 strands of Maths
- (iii) KS1 & KS2 Starters – lots of powerpoints arranged by NC Year going from Year 1 up to Year 6. Particularly good for Number topics.
- (iv) Maths Mastery – many resources available in the “Mastery Schemes of Learning” folder within “Teaching & Learning”- Subjects–Maths”. This is particularly suitable for more able students who can cope with the problem solving and reasoning approaches.

Sam Nicholls  
Dec 2022

## SPRING TERM 2023

<b>WEEK BEGINNING</b>	<b>WITH SETS</b>	<b>EXAMPLES OF WORK</b>
Mon 2 <sup>nd</sup> Jan	Geometry: Position, Direction & Movement	Left/right, up/down, etc. forwards/backward, points of a compass
Mon 9 <sup>th</sup> Jan	Geometry: Shapes	Identify & give properties of 2d shapes
Mon 16 <sup>th</sup> Jan	Money	Identifying coins & banknotes
Mon 23 <sup>rd</sup> Jan	Money	Working out totals and change
Mon 30 <sup>th</sup> Jan	IEP targets	Focus on evidence for IEP targets – deadline is half-term.
Mon 6 <sup>th</sup> Feb	IEP targets	As above
<b>Mon 13<sup>th</sup> Feb</b>	<b>Half-Term Holidays</b>	
Mon 20 <sup>th</sup> Feb	Statistics: sorting	Sorting objects or numbers
Mon 27 <sup>th</sup> Feb	Statistics: data	Tables & graphs showing information
Mon 6 <sup>th</sup> Mar	Number	Place value
Mon 13 <sup>th</sup> Mar	Number	Four operations, especially add & subtract
Mon 20 <sup>th</sup> Mar	Time	Days, weeks, seasons, hours, minutes
Mon 27 <sup>th</sup> Mar	Time + IEP targets	Analogue and/or digital time, working with time intervals
<b>Mon 3<sup>rd</sup> Apr</b>	<b>Easter Holidays</b>	
<b>Mon 10<sup>th</sup> Apr</b>	<b>Easter Holidays</b>	