

MATHS LTP FOR YEAR 7 FOR SPRING 2023

This is a Long-Term Plan for Maths for Spring. It should help to avoid clashes e.g. everyone wanting to borrow balancing scales at the same time. It should also help to ensure a “balanced diet” of Maths is given over the course of a whole year, with nothing important 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 well they have done.

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 7 Spring term “vehicle”. Mental arithmetic can also be taught as you see fit – there are differentiated tests available.

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 the following:

- (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 perhaps suitable as extension work for more able students who can cope with the problem solving and reasoning approaches.
- (v) Mental arithmetic tests

Sam Nicholls
Dec 2022

SPRING TERM 2023

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