

MATHS (COGNITION) TIMETABLE FOR YEAR 9 FOR SPRING 2023

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

There have been some radical changes in recent years:

- a) Instead of teaching purely Maths we are now teaching “Cognition” which includes problem solving as well as Maths. You may wish to add a little Science in there as you see fit.
- b) We work with EfL instead of B-Squared,
- c) There are also themes or “vehicles” for each year group each term, so it would be useful to include your current theme into the lessons if appropriate.

There are criteria on EfL which go into greater detail about what to teach. Staff can choose which level is appropriate for their students. Mental arithmetic can also be taught as you see fit – there are tests available (Book 1 to Book 3).

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.

There are now an ever-increasing number of resources available; details can be found on the shared staff drive or by asking myself

- (i) Twinkl.co.uk – resources in many subjects
- (ii) Numicon – a kinaesthetic approach to understanding basic numbers.
- (iii) Numeracy Warm-Up Interactive Exercises – covers all 4 strands of Maths
- (iv) KS1 & KS2 Starters – lots of powerpoints arranged by NC Year going from Year 1 up to Year 6. Particularly good for Number topics.
- (v) Maths Mastery – many resources available in the “Mastery Schemes of Learning” folder within “Cognition” folder. This is particularly suitable for more able students who can cope with the problem solving and reasoning approaches.
- (vi) Mental arithmetic tests Book 1 to Book 3

Sam Nicholls
December 2022

SPRING TERM 2023

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