

Roundwood Park School Curriculum Map – SEND Numeracy KS3

A curriculum that stimulates curiosity, values diversity and offers challenge. We help every student to love learning for life, to follow their passions and to reach their full potential.

KS3	Autumn Term	Spring Term	Summer Term
Unit of Work: 1 hour per week for most students	Lessons focus on over-learning and consolidation of known topics. This is achieved by regular liaison with key members of staff within the maths department, including Julie Thomson – SEND link, to enable the additional numeracy curriculum to be adapted to support the needs of the particular students within the group and revisiting topics according to the requests from the maths department and the needs of the group.		
Key Knowledge	Topics will include: Year 7: Sequences, place value, negative numbers, order of operations, algebraic expressions, fractions, percentages, angles, area and perimeter Year 8: Place value, standard form, fractions, indices, angles, percentages, probability, ratio, circles and volume Year 9: Standard form, algebraic sequences, rearranging formula, rounding, fractions, simultaneous equations, percentages, probability.		
Concepts	Students are encouraged to use a multisensory approach to their learning, making use of the concrete resources alongside oral rehearsal. Students will be happy to 'have a go', taking part in fun activities using their acquired mathematical knowledge. Students will develop problem solving skills by being encouraged to work systematically through mathematical problems in a nurturing environment. Students will gain confidence in over-learning and consolidation of known topics.		
Key Vocabulary	Sequence, rounding, significant figure, indices, expressions, equation, angles- acute, obtuse and reflex, factors, multiples, highest common factor, numerator, denominator, proper/improper fractions, mixed number, percentage, probability, simplify, substitute, mean, median, mode, right angle, square, quadrilateral, rectangle, parallelogram, trapezium, rhombus, scalene, isosceles, equilateral, parallel, circle, diameter, circumference, radius, volume, Pi, cube, cuboid.		
ASPIRE Habits	Resilient, reflective, responsible and resourceful learners		
Reading Opportunities	Practise reading and analysing maths questions		