

S2 Maths

2022-23

This is a rough outline of the lessons pupils will be taught throughout the year.

This may change slightly over the year depending on teachers and the class.

We will email you to inform you of the exact date of upcoming assessments.

Wk beg	Period 1	Period 2	Period 3
06-Jun-22	Money - Comparing Products (value for money)	Money - Comparing Prices to find best deal	Money - Pay Slips (gross, net, deductions etc)
13-Jun-22	Money - Pay Slips (gross, net, deductions etc)	Money - Budgeting (need vs wants)	Ratio - Understanding Ratio
20-Jun-22	Ratio - Simplifying Ratio	Ratio - Ratio Calculations	Ratio - Sharing amounts using ratio
27-Jun-22	Ratio - Direct Proportion	Ratio - Direct Proportion	END OF YEAR
08-Aug-21	Holiday	Holiday	Holiday
15-Aug-21	In service	In service	Algebra- substitution
22-Aug-21	Algebra- substitution	Changing the subject	Changing the subject
29-Aug-21	Changing the subject	Pythagoras - Introduction to Pythagoras	Pythagoras - Finding the hypotenuse
05-Sep-21	Pythagoras - Shorter Sides	Pythagoras - Problem Solving	Pythagoras - Problem Solving
12-Sep-21	Pythagoras - Mixed Example Problem solving	Pythagoras - Mixed Example Problem solving	Pythagoras - Mixed Example Problem solving
19-Sep-21	Holiday	Algebra - Collecting like terms (e.g abc & squares)	Algebra - Multiplying terms
26-Sep-21	Algebra - Revision of basic one/two step	Algebra - Two Step with negative and fraction terms	Algebra - Two Step with negative and fraction terms
03-Oct-21	Maths Week	Maths Week	Maths Week
10-Oct-21	Algebra- solving inequations	Algebra- solving inequations	Algebra- solving inequations
17-Oct-21	Holiday	Holiday	Holiday
24-Oct-21	In service	Spare	Spare
31-Oct-21	Revision	Revision	Assessment
07-Nov-21	Angles - Types and naming of angles	Angles - Measuring and Drawing angles with a protractor	Angles - Finding missing angles of right-angles straight lines and
14-Nov-21	Angles - Vertically opposite, Z and F angles	Angles - Angles in a triangle	Angles - Interior angles of a polygon
21-Nov-21	Angles - Exterior angles of a polygon	Scale - Compass Points and basic 3 figure bearings	Scale - Scale Drawing and Map Reading
28-Nov-21	Scale - Scale Drawing and Map Reading	Scale - Similar Shapes Intro	Scale - Scale Factors

Numeracy
Line Symmetry
Rotational Symmetry
Rotational Symmetry
Symmetry patterns
Holiday
Addition - Skills (to include decimals)
Addition - Problem Solving
Subtraction - Skills (to include decimals)
Subtraction - Problem Solving
Multiplication, Division (to include decimals)
Number - Revision of Multiples/Factors (LCM/HCF)
Number - Primes and Prime Factors
Number - Squares/cubes/indices
Number - Square and cube roots
Revision
Holiday
Estimation and accuracy (inc rounding Sig Figs)
Decimal/sig fig problem solving
Negative Numbers Skills
Negative Numbers problem solving
Simplifying fractions/fractions of an amount

05-Dec-21	Scale - Scale Factors area (extention volume)	Probability - Probability Scale	Probabilty - Calculating Probabilities	Fractions - Improper/mixed fractions
12-Dec-21	Probabilty - Calculating Probabilities	Christmas Coordinates	Christmas Coordinates	Christmas Activities
19-Dec-21	Christmas Coordinates	Holiday	Holiday	Holiday
26-Dec-21	Holiday	Holiday	Holiday	Holiday
02-Jan-22	In service	Algebra - Expanding single bracket (including negatives)	Algebra - Expand brackets and simplify (e.g $7(a+b) - 3a$)	Indices
09-Jan-22	Algebra - Expand two brackets and simplify (e.g $3(a+b) - 8(a+b)$)	Algebra - Expanding double brackets (including negatives)	Algebra - Expanding double brackets (including negatives)	Indices
16-Jan-22	Algebra - Solving equations with brackets (e.g. $8(a-2) = 40$)	Algebra - Solving equations with terms on both sides (e.g $4x + 3 = 2x + 9$)	Algebra - Factorising (simple and HCF)	Fractions - Adding/subtracting (including from whole numbers)
23-Jan-22	Algebra - Factorising (both letters AND numbers)	Algebra - Factorising (both letters AND numbers)	Algebra - Topic Consolodation (Extension - expanding cubic brackets)	Fractions - Multiplying/Dividing
30-Jan-22	Statistics - Creating and interpreting Tally Charts (class intervals)	Statistics - Creating and interpreting Line Charts	Stem and Leaf	Revision
06-Feb-22	Revision	Revision	Assessment	Holiday
13-Feb-22	Holiday	Holiday	Holiday	Converting between FDP
20-Feb-22	Back to back stem and leaf	Statistics - Creating Pie Charts (Harder)	Statistics - Creating Pie Charts	Converting between FDP
27-Feb-22	Statistics - M,M,M,R	Statistics - Comparing M,M,M,R	Five figure summary	Ordering FDP
06-Mar-22	Five figure summary	Further changing the subject (sq, roots)	Further changing the subject (sq, roots)	Percentages without calculator
13-Mar-22	Trig - Intro and labelling sides	Trig - Calculating opposite side using the tangent ratio	Trig - Calculating adjacent side using the tangent ratio	Percentages without calculator
20-Mar-22	Trig - Calculating angles using the tangent ratio	Trig - Sine and Cosine Ratios	Trig - SOH CAH TOA	Percentage increase/decrease
27-Mar-22	Trig - Problem Solving	Shpe- constructing triangles	Shpe- constructing triangles	Percentage increase/decrease
03-Apr-22	Holiday	Holiday	Holiday	Holiday
10-Apr-22	Holiday	Holiday	Holiday	Holiday
17-Apr-22	Holiday	Shpe- constructing triangles	Shpe- constructing triangles	Ratio
24-Apr-22	Revision of area	Surface Area - Intro to nets	Surface area - Calculate surface area of cuboid	Direct Proportion
01-May-22	Holiday	In service	Circle - Area of circle	Inverse Proportion

08-May-22	Circle - Parts of Circle, pi, circumference of circle	Circle - Circumference/area of semi/quarter circles	Circle - Circle problem solving
15-May-22	Revision	Revision	Assessment
22-May-22	Holiday	Project	Project
29-May-22	Project	Project	Project
05-Jun-22	Change of timetable		

Revision
Revision
Project
Project