



INTENT:

“God used beautiful mathematics in creating the world”

Paul Dirac

Maths is a universal language that explains the world around us. The study of mathematics in The King's enables students to make sense of everyday situations, forge links between topics and establish connections to real life context.

As a fundamental discipline in our lives, maths fosters curiosity, equipping students with various strategies to tackle problems; it empowers students with resilience to take risks, get it wrong, form a new strategy and start again, with determination and drive to reach the final answer.

Maths is logical thinking, reasoning, intuition, analysis, construction, generalization and beauty.



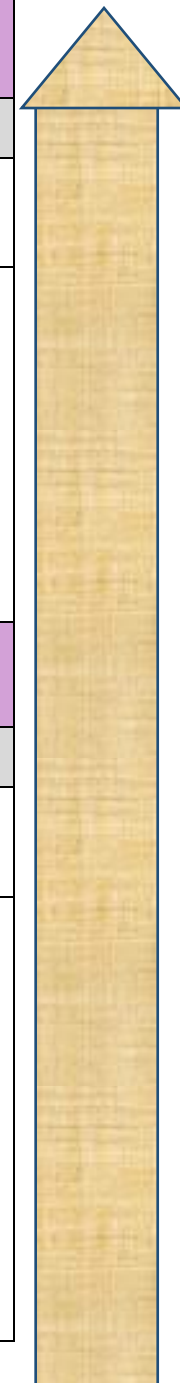


****Please click on the icons to access our online portal where you can learn more about each topic****

7	Half term points			
	AUTUMN 1	SPRING 1	SPRING 2	SUMMER 2
	Learning includes: Value for money Compare goods N2.1 Whole numbers N1.1 Adding and subtracting whole numbers N3.1 Rounding to the nearest 10 or 100 N2.2 Writing and ordering decimals N1.2 Multiplying whole numbers N3.2 Rounding larger numbers	Learning includes: Debit and credit - Bank statements and understand terminology in context N2.4 Negative numbers N2.4 Negative numbers N1.5 Adding and subtracting negative numbers SP3.1 Collecting data	Learning includes: Area, costing and budgeting - bedroom task	Learning includes: End of year task Budgeting and costing Profit and loss Theme Park task N1.4 Dividing whole numbers N7.3 Divisibility tests N2.5 Using the number system effectively N3.4 Rounding decimals

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8	Half term points			
	AUTUMN 1	SPRING 1	Summer 1	SUMMER 2
	Learning includes: Pay slips Debit and credit terminology in context N1.2 Multiplying numbers N3.2 Rounding larger numbers N2.3 Multiplying and dividing by powers of 10 N1.5 Adding and subtracting negative numbers N1.6 Multiplying N1.7 Order of operations BIDMAS	Learning includes: Debit and credit terminology in context Pay slips N1.3 Adding and subtracting decimals N3.3 Rounding decimals to the nearest integer scales A1.4 Working with formulae N1.7 Order of operations BIDMAS N1.8 Multiplying decimals	Learning includes Budget, addition, subtraction, multiplication Budgeting a holiday N1.5 Adding and subtracting negative numbers A1.4 Working with formulae	Learning includes: Percentages pay slips Taxation Different bank accounts N5.1 Understanding and using percentages N5.2 Calculating percentages of quantities N5.4 Applying percentage increases and decreases to amounts





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Key found at the bottom of this document

Half term points

AUTUMN 1

Key learning to include:
Budgeting, costing
Shopping for a meal for a 3 course meal for 8 people

- 🌀 N1.8 Multiplying decimals
 - 🌀 N1.9 Dividing decimals
- Key learning to include:**

AUTUMN 2

Key learning to include:
Debt, borrowing and interest rates, compound interest

- 🌀 A1.5 Setting up, solving simple equations
- 🌀 N1.7 BIDMAS
- 🌀 N5.4 Applying percentage increases and decreases to amounts
- 🌀 N5.5 Finding the percentage change from one amount to another

SPRING 1

Key learning to include:
Using formulae
Income outgoings on payslips

- A1.7 Working with more complex equations

SPRING 2

Key learning to include:
Debit and credit
Utility bills and terminology in context

- 🌀 N1.6 Multiplying and dividing negative numbers

SUMMER 2

Key learning to include:
Debt, borrowing and interest rates, compound interest
Buying a car (loans)

- A1.4 Working with formulae
- 🌀 A1.5 Setting up and solving simple equations
- 🌀 A1.6 Using brackets
- A1.7 Working with more complex equations
- A1.8 Solving equations with brackets

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Working towards (Key)

Higher Tier
Grades 9 - 4

Both Higher Tier and Higher/Foundation
Students will take either the Higher Tier
Or the Foundation Tier

Higher/Foundation Tier

Both Higher/Foundation and Foundation Tier
Students will take the Foundation Tier or Higher Tier

Foundation Tier
Grades 5 - 1

All students