



INTENT:

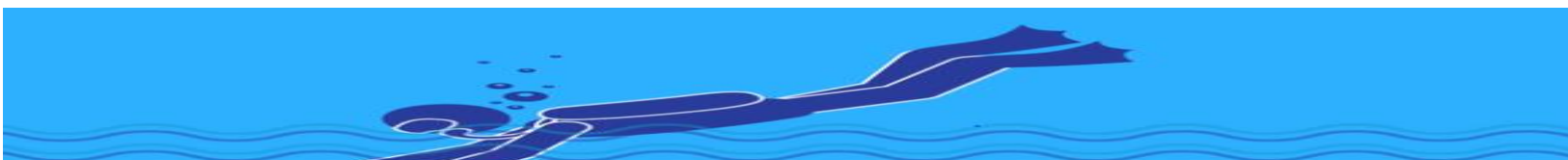
“God used beautiful mathematics in creating the world”

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****

10	Half term points				
	AUTUMN 1	Autumn 2	SPRING 1	SPRING 2	SUMMER 1
	Key learning to include: Outgoing percentages Payslips N1.8 Multiplying decimals A1.6 Using brackets N7.6 Rules of indices	Key learning to include: Percentages Multiply and divide Comparing Calculate value for money, including APR/AER and payment terms, Know the different taxes I must pay now and, in the future, N5.4 Applying percentage increases and decrease N5.5 Finding the percentage change N5.7 Repeated percentage increase/decrease	Key learning to include: Budgeting, costing, addition, subtraction, applying knowledge to direct debits, standing orders, , statements, bills, budgets A1.5 Setting up and solving simple equations N4.5 Working with mixed numbers GM3.2 Finding area and perimeter GM1.11 Working with compound units A3.7 Polynomial and reciprocal functions A1.11 Identities GM3.6 Arcs and sectors	Key learning to include: Profit, loss, percentages Project - Venue, food, profit, plan a prom A1.5 Setting up and solving simple equations N1.9 Dividing decimals N4.4 Adding and subtracting fractions GM3.6 Arcs and sectors	Key learning to include: Applying fractions, calculating, comparing Upkeep of a home Project

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

Foundation Tier

Grades 5 – 1

All Tiers