



		WEEKLY CURRICULUM COVERAGE						
		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Autumn	1		NUN Place	BER Value		NUMBER Addition & Subtraction		
	2	NUMBER Addition & SubtractionMEASUREMENT Length & Perimeter			NUMBER Multiplication & Division			
ing	1		NUMBER Multiplication & Division		MEASUREMENT Area	NUMBER Fractions		
Spri	2	NUMBER Fractions			NUMBER Decimals			
Summer	1	NUMBER Decimals		MEASUREMENT Money		MEASUREMENT Time		
	2	STATISTICS		GEOMETRY Properties of Shape		GEOMETRY Position & Direction		





Key Stage Four Mapping SPRING 1 MEDIUM-TERM PLANNING									
Asp	iration for L	ife Differentiated, aspirational target	s dependent on pupil needs.	age for Life Explicit teaching/ exposure to new and know vocabulary.		earning for Life Opportunities to develop cross curricular skills e.g. drama			
	vith a ntly nake	NUMBER		W/	MEASUREMENT	NUM	BER		
	lents ν pende and π	VVeek I VVeek 2		vveek 3	VVeek 4	Week 5	VVEEK D		
	s stuc g inde rstand		Multiplication & Division		Area	Frac	tions		
	tics equip unctioning nts under	Dividing by	10 and 100	Written methods Efficient multiplication	What is area? Counting squares	What is a fraction? Finding fractions	Fractions of quantities		
	Mathema ential to fi nt. Stude			ORAL/MENT (Topic from the prev	AL STARTERS ious week is repeated ¹)				
	e wider world. I f maths is esse o to employme	Which number is 10	times bigger than 3?	70 is 10 times smaller than which number?	Which array shows 3 x 15?	Calculate the area of this quadrilateral.	This pizza is cut in to 6 pieces – how many pieces is half?		
	s to the iples o a shop			VOCA	BULARY				
	of how Mathematics link ive. Learning basic princ it bus, counting money in in a range of contexts	Times Div Sh Place Rig	tables ide are Value ght	Multiply Grid method Arrays	Area Space Squared Multiply Fraction Numerator Denominator Amount ½, 1/3, ¼, ¾		Fraction Numerator Denominator Amount ½ , 1/3, ¼ , ¾		
ICS	anding they I the righ oblems	IMPLEMENTATION: CONCRETE PICTORIAL ABSTRACT REPRESENTATION							
MATHEMATIC	still in our students a fundamental underst understand and change the world in which we are faced with numbers, from getting t maths so they can apply skills to solve pr	Based-10 Place va Art S Number r) / Dienes alue grid traws machines	Counters Arrays Calculation tables Base-10 / Dienes	Counters ArraysMulti-linkSquared paper Squared shapes for countin ArraysCalculation tables Base-10 / DienesSquared paper/grid paper Base-10/DienesCounters Base-10/DienesCalculation tables Base-10 / DienesArraysSweets Chocolate / Cake / Pizza Fraction Tables		Squared paper Squared shapes for counting Arrays Counters Base-10 / Dienes Number Lines Art straws Fraction Tables		
	aim to ir tools to /day life areas of	IMPACT: SUGGESTED FUNCTIONAL / PROBLEM SOLVING ACTIVITIES							
	At Tor View School, we uniquely powerful set of within the world. In ever connections in different	This recipe serves 500 people. I need to feed just 5. Wh are the quantities of ingredients I need? I'm making a model of this house – it needs to be 1/10 of size. How tall will it be?		Ben says that 2 x 2 x 2 = the same as 2 x 4. Is he right? How do you know? Ben has found a quick way to calculate 12 x 6 = What could it be? I am making a cake for 12 people. The recipe I have serves 4 and uses 2 eggs. How many eggs do I need?	Which shape has an area of <i>x</i> cm ² Which pitch is the largest? Which picture is the biggest? How many carpet tiles do I need to	I have got to share my 10 sweets with my friend. How many sweets will I have? My recipe serves 4 people, but I only have 2 people for dinner – what are the new quantities that I need? Who has more? 2/4, ³ / ₄ or ¹ / ₂ ?	The full cost of this jumper is £10 but there is a ½ price sale on – how much is the jumper now? The ½ price sale means that this coat is £4 – how much is the full price?		

	Key Stage Four Mapping SPRING 2 MEDIUM-TERM PLANNING										
Asp	piration for Li	fe Differentiated, aspirational target	s dependent on pupil needs.	ge for Life Explicit teaching/ exposure to new and know vocabulary. Learning for Life Opportunities to develop cross curricular skills e.g. o							
	niquely orld. In nt areas	Week 1 Week 2		Week 3	Week 4	Week 5	Week 6				
	vith a ur the wo differen	Frac	tions		Decimals						
	quips students v pendently withiu e connections in	Adding Fractions with the same denominator	Subtracting fractions with the same denominator	Recognising Tenths as fractions	Tenths on a numberline Tenths on a place value grid	Dividing 2-digits by 10	Dividing 2-digits by 100				
	natics er ing inde nd make	ORAL/MENTAL STARTERS									
	rid. Mathern to functioni derstand ar	Which value is half of 10?	¹ / ₂ + 2/2 = ? 3 + ?/4 = 4 1/4	3/4 - 1/4 = ? ?/3 - 4/3 = 1 or 3/3	Which shape shows 3/10 of 100?	Where is 7/10 on this number line?	Which number is 34 divided by 10?				
	ider wo ssential lents un			VOCAE	BULARY						
TICS	of how Mathematics links to the w ning basic principles of maths is every ey in a shop to employment. Stud	AddSubtractFractionFractionDenominatorDenominatorNumeratorNumeratorPartPartEqualsEquals		FractionFractionTenthTenthNumber lineNumber linePartPartDivideDivideTenTenPlace ValuePlace Value		Fraction Tenth Number line Part Divide Ten Place Value	Fraction Hundredth Number line Part Divide Hundred Place Value				
EMA	anding (b. Learr ng mon	IMPLEMENTATION: CONCRETE PICTORIAL ABSTRACT REPRESENTATION									
MATHE	still in our students a fundamental underst nd and change the world in which they live numbers, from getting the right bus, counti to solve problems in a range of contexts.	Chocolate / Cake / Pizza Arrays Counters Base-10 / Dienes Number Lines Fraction tables Fraction strips Bar models	Chocolate / Cake / Pizza Arrays Counters Base-10 / Dienes Art straws Fraction tables Fraction strips Bar models	Fraction Table Number line Place value grid Base-10 / Dienes Counters Arrays (100 dots [10x10])	Fraction Table Number line Place value grid Base-10 / Dienes Counters Arrays (100 dots [10x10])	Fraction Table Number line Place value grid Base-10 / Dienes Counters Arrays (100 dots [10x10]) Place Value grid Function Machine	Fraction Table Number line Place value grid Base-10 / Dienes Counters Arrays (100 dots [10x10]) Place Value grid Function Machine				
	aim to ir ndersta ed with r oly skills		IMPA	CT: SUGGESTED FUNCTIONA	L / PROBLEM SOLVING ACTI	VITIES					
	At Tor View School, we i powerful set of tools to u everyday life we are face of maths so they can apt	If I have a pizza and I cut it in to 1/6's. I eat 2/6 and my friend eats 3/6 – how much have we eaten? My chocolate is in 1/32's. I eat 4/32 each day for 1 week. How much do I eat that week? Consider making pizzas	If I have a pizza and I cut it in to 1/6's. I eat 2/6 and my friend eats 3/6 - How much is left? My chocolate is in 1/32's. I eat 4/32 each day for 1 week. How much is left?	10 boys share 3 pizzas equally. What fraction does each boy eat? Which cake is cut in to tenths? Which pizza has had 6/10 eaten?	Metre ruler measurements – the shelf has to be 3/10 of a meter away from the window. Where will it need to be?	True or False: 75mm = 0.75cm In the Olympics there is a race event called 1500m. How many kilometres is this?	I can jump 202cm. A spider can jump 0.45m. How far would the spider travel if he jumped 100 times? I am travelling 2.5km, how many metres is this?				

Key Stage Four Mapping SUMMER 1 MEDIUM-TERM PLANNING										
Aspiration for Life Differentiated, aspirational targets dependent on pupil needs. Language for Life Explicit teaching/ exposure to new and know vocabulary. Learning for Life Opportunities to develop cross curricular skills e.g. drama										
		MEASUREMENT				STATISTICS				
idents ng ents		Week 1 Week 2		Week 3	Week 4	Week 5	Week 6			
luips stu unctioni nt. Stude		Deci	mals	Money		Time				
ematics eq sential to f	<u>`</u>	Make a whole Finding the difference	Rounding Decimals	Recognising £ and p Ordering Money	Adding money	Ordering Years, Months, Weeks & Days	Measuring hours, minutes & seconds.			
I. Math. Is is est	- 	ORAL/MENTAL STARTERS								
wider worlc bles of math	e of context	hich number is 27 divided by 100?	Find the difference between 3.1 and 3.7.	Which item's price is closest to £3?	Find the pile of coins that totals 84p	How much do these two items cost together?	Put these months in to order (remove some months)			
to the princip ting mo	a range			VOCAB	ULARY					
ing of how Mathematics links hich they live. Learning basic om getting the right bus, count	ply skills to solve problems in a	WholeRoundingFractionFiveDecimalRound up/downDifferenceMore/LessSubtractPlace Value		£ and p Pound(s) Pence Money Value	£ and pYearsPound(s)Months (names)PenceDays (names)MoneyOrder – oldest / earliest /ValueFence		Hours Minutes Seconds Measure Time Fast(er/est) / Slow(er/est)			
CS erstand Id in wh bers, fr	can app	IMPLEMENTATION: CONCRETE PICTORIAL ABSTRACT REPRESENTATION								
MATHEMAT in our students a fundamental und to understand and change the wor eryday life we are faced with numl	n different areas of maths so they .	NumberlinesNumberlinesBase-10 / DienesBase-10 / DienesCountersCountersDecimal cardsDecimal cardsArt strawsArt strawsCuisinaire rodsCuisinaire rods		Coins Notes Different items to 'buy'	Coins Notes Different items to 'buy'	Calendars Diaries Month names Day names Timetables Dates Timelines	Clocks Stop watch Timelines Egg timers Sand timers			
o instil i of tools d. In ev	tions ir	IMPACT: SUGGESTED FUNCTIONAL / PROBLEM SOLVING ACTIVITIES								
At Tor View School, we aim to with a uniquely powerful set c independently within the work	understand and make connec	ow much more money is needed to make £1? aid £1 for a bag of sweets hich cost 60p. How much change do I need?	The cost of diesel is 109.9p per litre. What would you use to pay for one litre? Amir is 125.5cm tall – how tall is he to the nearest cm?	Can you match the coin to the value? Can you make the value out of a number of coins? Can you make the value using the smallest number of coins? Which is the cheapest item? Which is the most expensive item? Which item is the best value?	How much would the shopping list cost? (this can be prices that are just pennies) Which shopping list is the cheapest? Which items have the value of 23p when added together? Utilise this opportunity to develop understanding of decimals for those that it is appropriate to do so.	Whose birthday is first in the year? Who is the oldest/youngest? Which day do we have Maths on?	Who can do difference exercises the fastest? Cooking meals (boiling eggs) Who won the race? How long does it take to complete a task?			

	SUMMER 2 MEDIUM-TERM PLANNING									
Asp	iration for Li	fe Differentiated, aspirational target	s dependent on pupil needs.	uage for Life	ige for Life Explicit teaching/ exposure to new and know vocabulary. Learning for I			for Life Opportunities to develop cross curricular skills e.g. drama		
	ler v	NUM	BER		GEOMETRY					
	a uniqu world erent	Week 1	Week 2	\	Veek 3	Week 4	Week 5		Week 6	
	s with a thin the in diffe				Properties of Shape				Position & Direction	
	ps student ndently wi onnections	Interpreting Charts	Comparing data	Symme Lines of	etrical figures of Symmetry	Identifying Angles	Comparing a ang	and ordering les	Describing Position Describing Movement	
	atics equi ng indepe id make ci	ORAL/MENTAL STARTERS (Topic from the previous week is repeated ¹)								
	orld. Mathem al to functionii nderstand an	Match the tasks to the approximate time.	Which day was the most popular day for a visit to the zoo?	Which sur mo	vey collected the ost data?	Which picture shows a symmetrical figure?	Which angl obtuse,	e is acute, reflex?	Order these angles from smallest to greatest	
	vider w essenti dents u				VOCAB	ULARY				
ATICS	nding of how Mathematics links to the v Learning basic principles of maths is e g money in a shop to employment. Stu exts.	Bar chart Line graphs Pictograms Surveys / Tally Charts Difference / Sum		Symmetry Mirror image Same Mirror		Angle Obtuse Right Angle Acute Reflect Straight Line	Ang Obti Right / Acu Refl Straigh Greater / I Greatest	gle use Angle ute ect t Line _ess than t / Least	Underneath/On top of Opposite/Next to Behind/In front of Forwards/Backwards Left/Right Up/Down Coordinates Consider Key Word Level	
ШЩ	ndersta ey live. countin of cont	IMPLEMENTATION: CONCRETE PICTORIAL ABSTRACT REPRESENTATION								
MATH	still in our students a fundamental ur ind and change the world in which th numbers, from geting the right bus, y skills to solve problems in a range	Multi-link / Counting blocks Counters Base-10 / Dienes Tape on the floor for axis Multi-link / Counting blocks Counters Base-10 / Dienes Tape on the floor for axis		Coloured (n	Mirror Paper counting blocks nulti-link)	2-D Shapes Angle 'eaters' Protractors Angles drawn on a page Angles in the environment	2-D Sł Angle 'e Protra Angles draw	napes eaters' ictors n on a page	Maps Bricks Items around the classroom	
	aim to ii indersta ed with can app	IMPACT: SUGGESTED FUNCTIONAL / PROBLEM SOLVING ACTIVITIES								
	At Tor View School, we powerful set of tools to u everyday life we are fact areas of maths so they o	Conduct a survey. How many people liked? How long did it take to get from point A to B? How many people took part in the survey? Which eye colour appears least frequently?	Which film should I go to see at the cinema? Use star ratings. Which two choices, when added together had the sum of 8? Who scored the most goals for the team?	Design (tes Repea (beginnin Architec design a sy Which roac of s Group	ing wallpaper ssellation) ting patterns ngs of algebra) ture – can you mmetrical house? I signs have lines ymmetry? bing shapes	Designing models. Following directions (on a map) Following instructions to navigate a room Measure angles of a ladder on a lego model. What angle does the ladder need to be to reach the top? Finding angles in the environment	Order these smallest to Which of these the greatest in What is the an the cl	angles from o biggest. e shapes has ternal angle? gle shown on ock?	Where is the church on the map? What is behind the shop? What are the coordinates of the cinema on the map? Describe the journey from the house to the shop.	