Cambridge School
Maths Curriculum- Year A

		AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
YEAR 7 & YEAR 8 LOWER SCHOOL	*Themes*	HOME AND SCHOOL AND COMMUNITY	FESTIVALS	LOOKING AFTER OUR WORLD	TRAVEL AND TRANSPORT	WORLD OF WORK	LEISURE TIME
	Lower theme learners can:	➢ Numbers: Personal to me and my Community ➢ Shopping & prices ➢ Telling the time	➢ Seasons and weather ➢ Using menus ➢ Comparisons: more/less, big/small, heavy/light ➢ 2D shapes	➢ Identifying temperatures (hot or cold) ➢ Sequences and patterns ➢ Conducting surveys	➢ Recognizing, counting and matching numbers ➢ Length ➢ Using simple tables	➢ Addition and Subtraction ➢ Tallying data	➢ Capacity: more, less, half ➢ 3D shapes ➢ Budgeting ➢ Doubling and halving
	Higher theme learners can:	➢ Using and ordering numbers personal to me ➢ Shopping and budgeting ➢ Timetables	➢ Months and seasons ➢ Using pricelists ➢ Weight ➢ Area and perimeter	➢ Comparing temperatures ➢ Patterns and sequences in numbers, using tables ➢ Conducting surveys and displaying results	➢ M and KM ➢ Capacity ➢ Extracting and organizing information from tables	➢ Multiplication and Division ➢ Tallying data ➢ Using ICT to create tables/graphs	➢ Length ➢ 2D and 3D shapes ➢ Paying for multiple people (i.e. cinema)
YEAR 9 & YEAR 10 & YEAR 11 UPPER SCHOOL- PREPARING FOR ADULTHOOD	*Themes*	LOOKING AFTER MY FAMILY	MOVING OUT OF HOME	HOLIDAYS	EMOTIONAL & PHYSICAL WELLBEING	ENTERPRISE- WORKING IN A SHOP	GOING TO COLLEGE
	Lower theme learners can:	➢ Counting (ages and birthdays) ➢ Calendar skills ➢ Making lists ➢ Budgeting (with a family) ➢ Tallying	➢ Simple budgeting (home expenses) ➢ Design a room with positional vocabulary ➢ Choosing furniture for a room using shape and space ➢ Choosing and matching items for a home (i.e. plates)	➢ Identify temperatures in other countries (hot or cold) ➢ Time: hours, days of the week, seasons ➢ Use tables ➢ Match sets ➢ Counting: items to pack	➢ Patterns and sequences ➢ Counting (sleep, calories, exercise) ➢ Surveys and visual representation of data	➢ Comparing numbers ➢ Weighing items ➢ Pictograms	➢ Numbers and times ➢ Timetables ➢ Money
	Higher theme learners can:	➢ Counting (ages and birthdays) ➢ Making lists ➢ Budgeting (for a family) ➢ Tallying and pictograms	➢ More complex budgeting (inc. bills) ➢ Design a room with shape and positional vocabulary ➢ Measuring furniture for a room ➢ Making sets of items for a home	➢ Comparing temperatures in other countries (hot or cold) ➢ Time: AM/PM, months, seasons ➢ Use tables ➢ Weighing items ➢ Counting: items to pack	➢ Patterns and sequences ➢ Tallying and recording numbers (sleep, calories, exercise) ➢ Surveys and visual representation of data (inc. venn diagram)	➢ Comparing and ordering numbers ➢ Weighing items (i.e. fruits) and matching to prices (i.e. more food, more money) ➢ Bar charts	➢ Numbers, times, directions ➢ Comparing timetables ➢ Money

Cambridge School
Maths Curriculum- Year A

		AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
	No Theme						
YEAR 9 & YEAR 10 & YEAR 11 **UPPER SCHOOL- EXAMS**	***Lower learners can:***	➢ Addition and subtraction to 200 ➢ Measure in mm, cm, km and use comparison vocabulary ➢ Extract information from tables and lists ➢ Use g and kg ➢ Create tables and lists and input data linked to weight ➢ Doubling and halving ➢ Division and multiplication	➢ Digital and analogue time to quarters. AM and PM ➢ Planning a trip using time ➢ Calendar skills: days, weeks, months ➢ Bar charts and line graphs ➢ Fractions (tenths and equivalent) ➢ 2D and 3D shapes	➢ Decimals and rounding ➢ Using a budget ➢ Positional and directional language ➢ Capacity and using scales ➢ Making lists ➢ Lists, tables, and diagrams	➢ Decimals and rounding ➢ Recording information and comparing charts ➢ Sequencing: whole numbers and decimals to one thousand ➢ Using odd and even numbers in length, weight, capacity and money	**Revision & mock papers for Functional Skills exams** ➢ Fractions, decimals, percentages ➢ Probability ➢ Rounding ➢ 2D and 3D shapes ➢ Weight: g, kg ➢ Capacity: ml, L, ➢ Data and charts ➢ Numerical comparisons and sequencing ➢ Symmetry, length, angels ➢ Area and perimeter ➢ Mean, mode, range, median	**Exams** ➢ Maths games and puzzles ➢ Using money in leisure activities
	Higher learners can:	➢ Addition, subtraction, ordering to 1 million ➢ Measure in mm, cm, km including scales ➢ Measuring distance and conversion/ compare to miles ➢ Group and reorganize data from tables and lists- linked to temperature ➢ Create bar charts and line graphs from tables and lists linked to weight ➢ Division and multiplication, including remainders	➢ Add/subtract/convert time ➢ Making a schedule using times ➢ Probability ➢ Common fractions and mixed numbers ➢ Percentages and decimals ➢ 2D and 3D shapes, including symmetry and angles	➢ Interests and percentages (increase/decrease) ➢ Budgets in everyday life ➢ Pie charts and scatter diagrams ➢ Ratio, conversion graphs ➢ Volume and surfaces of 3D shapes	➢ Positive and negative numbers ➢ Mean, mode, median, range ➢ Area, perimeter, squares of numbers ➢ Scale drawings ➢ Order of precedence of operators, including indices BIDMAS and formulae ➢ Calculating in compound measures	**Revision & mock papers for Functional Skills exams** ➢ Fractions, decimals, percentages ➢ Probability ➢ Rounding ➢ 2D and 3D shapes ➢ Weight: g, kg ➢ Capacity: ml, L, ➢ Data and charts ➢ Numerical comparisons and sequencing ➢ Symmetry, length, angels ➢ Area and perimeter ➢ Mean, mode, range, median	**Exams** ➢ Maths games and puzzles ➢ Using money in leisure activities