

MADRASAH ALSAGOFF AL-ARABIAH

EMMS Department

PRIMARY 1 MATHEMATICS SCHEME OF WORK OUTLINE 2018

Term	Week	Topics
1	1	Chapter 1: Numbers to 10
	1 - 2	Chapter 2: Number Bonds
	2 - 4	Chapter 3: Addition Within 10
	4 - 6	Chapter 4: Subtraction Within 10
	6 - 7	Chapter 5: Shapes & Patterns
	7 - 8	Chapter 6: Ordinal Numbers & Positions
	8 - 10	Chapter 7: Numbers to 20
2	1 - 2	Chapter 8: Addition & Subtraction Within 20
	2 - 5	Chapter 9: Length
	6 - 8	Review: Chapters 1 - 9
	9 - 10	Chapter 10: Numbers to 40
3	1 - 2	Chapter 11: Addition Within 40
	2 - 4	Chapter 12: Subtraction Within 40
	4 - 5	Chapter 13: Picture Graphs
	5 - 6	Chapter 14: Multiplication
	7 - 8	Chapter 15: Division
	8 - 9	Chapter 16: Time
	9 - 10	Chapter 17: Numbers to 100
4	1 - 2	Chapter 18: Addition Within 100
	3 - 4	Chapter 19: Subtracting Within 100
	5 - 7	Chapter 20: Money

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PRIMARY 2 MATHEMATICS SCHEME OF WORK OUTLINE 2018

Term	Week	Topics
1	1 - 3	Chapter 1: Counting to 1000
	3 - 5	Chapter 2: Simple Addition Within 1000
	5 - 7	Chapter 3: Simple Subtraction Within 1000
	7 - 8	Chapter 4: Using Models: Addition & Subtraction
	8 - 10	Chapter 5: Multiplication & Division
2	1 - 3	Chapter 6: Multiplication 2, 5 & 10
	4 - 6	Chapter 7: Multiplication 3 & 4
	6 - 7	Chapter 8: Using Models: Multiplication & Division
	8 - 10	Chapter 9: Length
3	1 - 2	Chapter 10: Word Problems: Two-step Addition & Subtraction
	3 - 6	Chapter 11: Mass
	6 - 8	Chapter 12: Money
	8 - 10	Chapter 13: Shapes & Patterns
4	1 - 2	Chapter 14: Fractions
	3	Chapter 15: Time
	4	Chapter 16: Graphs
	5 - 6	Chapter 17: Volume
	7	End of Year Examination

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PRIMARY 3 MATHEMATICS SCHEME OF WORK OUTLINE 2018

Term	Week	Chapter	Topic
1	1 - 2	1	Counting to 10 000
			Place Values
			Comparing & Ordering Numbers
			Number Patterns
			Chapter Review/Summary
			Chapter Assessment
	2 - 4	2	Main Idea
			Simple Addition Within 10 000
			Addition with Regrouping in Ones & Tens
			Addition with Regrouping in Ones, Tens & Hundreds
			Mental Addition
			Chapter Review/Summary
			Chapter Assessment
	4 - 6	3	Main Idea
			Simple Subtraction within 10 000
			Subtraction with Regrouping in Ones, Tens & Hundreds
			Subtraction with Regrouping in Ones, Tens, Hundreds & Thousands
			Mental Subtraction
			Chapter Review/Summary
			Chapter Assessment
	7	4	Main Idea
			Word Problems
			Chapter Review/Summary
			Chapter Assessment
	8	5 (a)	Main Idea
			Multiplication Table of 6
			Multiplication Table of 7
Multiplication Table of 8			
9	Rev & CA 1	Multiplication Table of 9	
		Revise concepts taught in Term 1	
		Prepare students for CA1 by teaching them how to answer MCQ, SAQ and LAQ.	
10		Students will sit for CA1	
2	1	5 (b)	Main Idea
			Multiplying Numbers
			Division Using Multiplication Facts
			Multiplication and Division: One-Step Word Problems
			Chapter Review/Summary
			Chapter Assessment

	2	6	Main Idea
			Multiplication without Regrouping
			Multiplication with Regrouping in Ones, Tens, Hundreds and Thousands
			Chapter Review/Summary
			Chapter Assessment
	3 - 4	7	Main Idea
			Quotient and Remainder
			Division without Regrouping and Remainder
			Division with Regrouping in Hundreds, Tens and Ones
			Chapter Review/Summary
	5 - 6	8	Main Idea
			Two-Step Word Problems Involving the Four Operations
			Chapter Review/Summary
Chapter Assessment			
7 - 8	Rev & SA 1	Revise concepts taught in Terms 1 & 2	
9		Prepare students for SA1 by teaching them how to answer MCQ, SAQ and LAQ.	
3	1 - 2	9	Students will sit for SA1
			Main Idea
			Addition of Money
			Subtraction of Money
			Word Problems
			Chapter Review/Summary
	3 - 4	10	Chapter Assessment
			Main Idea
			Metre and Centimetres
			Kilometres and Metres
			Kilograms and Grams
			Litres and Millilitres
			Word Problems
			Chapter Review/Summary
	5	11	Chapter Assessment
			Lesson
			Main Idea
			Reading and Interpreting Bar Graphs
			Chapter Review/Summary
	6 - 7	12	Chapter Assessment
Main Idea			
Equivalent Fractions			
Comparing and Ordering Fractions			
Addition and Subtraction			
Chapter Review/Summary			
8	13	Chapter Assessment	
		Main Idea	

			Tell the Time
			Hours and Minutes
			Time and Duration
			Word Problems
			Chapter Review/Summary
	9	Rev & CA 2	Revise concepts taught in Term 3
	10		Prepare students for CA2 by teaching them how to answer MCQ, SAQ and LAQ.
			Students will sit for CA2
4	1	14	Main Idea
			Introduction to Angles
			Chapter Review/Summary
			Chapter Assessment
	2 - 3	15	Main Idea
			Perpendicular Lines
			Parallel Lines
			Horizontal and Vertical Lines
			Chapter Review/Summary
			Chapter Assessment
	3 - 5	16	Main Idea
			Area
			Square Units (cm ² and m ²)
			Perimeter and Area
			More Perimeter
			Area of a Rectangle
			Chapter Review/Summary
			Chapter Assessment
	5 - 6	Rev & SA 2	Revise concepts taught in Terms 1 - 4
			Prepare students for SA2 by teaching them how to answer MCQ, SAQ and LAQ.
7 - 9	Students will sit for SA2		

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PRIMARY 4 MATHEMATICS SCHEME OF WORK OUTLINE 2018

Term	Week	Chapter	Topic
1	1 - 2	1	Numbers to 100 000
			Comparing & Ordering Numbers
			Number Patterns
			Rounding & Estimation
			Chapter Review
			Put on Your Thinking Cap!
			Chapter Assessment
	2 - 4	2	Factors
			Multiples
			Chapter Review
			Put on Your Thinking Cap!
			Chapter Assessment
			Review 1
	4 - 5	3	Multiplying by a 1-digit Number
			Multiplying by a 2-digit Number
			Dividing by a 1-digit Number
			Chapter Review
			Put on Your Thinking Cap!
			Chapter Assessment
	5 - 6	4	Whole Numbers: Word Problems
			Chapter Review
			Put on Your Thinking Cap!
			Chapter Assessment
	10	Rev & CA 1	Review 2
			Revision 1
			CA 1
	6 - 7	5	Understanding & Measuring Angles
Drawing Angles to 180°			
Turns & 8-Point Compass			
Chapter Review			
Put on Your Thinking Cap!			
Chapter Assessment			
2	1 - 3	6	Properties of Squares & Rectangles
			Drawing Squares & Rectangles
			Chapter Review
			Put on Your Thinking Cap!
			Chapter Assessment
	3 - 6	7	Symmetric Figures & Lines of Symmetry
			Making Symmetric Figures & Patterns
			Chapter Review
			Put on Your Thinking Cap!

			Chapter Assessment
	6 - 8	Rev & SA 1	Review 3
			Revision 1
			Revision 2
	9		SA 1
3	1 - 3	8	Mixed Numbers
			Improper Fractions
			Improper Fractions & Mixed Numbers
			Comparing & Ordering Fractions
			Fraction of a Set
			Chapter Review
			Put on Your Thinking Cap!
			Chapter Assessment
	3 - 4	9	Addition & Subtraction of Fractions
			Word Problems
			Chapter Review
			Put on Your Thinking Cap!
			Chapter Assessment
			Review 4
	4 - 7	10	Understanding Tenths
			Understanding Hundredths
			Understanding Thousandths
			Comparing & Ordering Decimals
			Rounding Decimals
			Fractions & Decimals
			Chapter Review
			Put on Your Thinking Cap!
	Chapter Assessment		
	7 - 9	11	Four Operations of Decimals
			Addition of Decimals
			Subtraction of Decimals
			Multiplication of Decimals
			Division of Decimals
Chapter Review			
Put on Your Thinking Cap!			
Chapter Assessment			
10		Rev & CA 2	Review 5
			CA 2
4	1 - 2	12	Word Problems: Decimals (1)
			Word Problems: Decimals (2)
			Chapter Review
			Put on Your Thinking Cap!
			Chapter Assessment
			Revision 3
	2 - 3	13	Area & Perimeter
			Rectangles & Squares
			Composite Figures

		Word Problems
		Chapter Review
		Put on Your Thinking Cap!
		Chapter Assessment
		Review 6
3 - 4	14	Tables
		Line Graphs
		Chapter Review
		Put on Your Thinking Cap!
		Chapter Assessment
5 - 6	15	Seconds
		24-hour Clock
		Chapter Review
		Put on Your Thinking Cap!
		Chapter Assessment
	Rev & SA 2	Review 7
		Revision 2
7 - 9		SA 2

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PRIMARY 5 MATHEMATICS SCHEME OF WORK OUTLINE 2018

Term	Week	Chapter	Topic	
1	1	1	Numbers to 1 000 000	
			Chapter Review	
			Put on Your Thinking Cap!	
			Chapter Assessment	
	2 - 4	2		Multiplying by 10, 100, 1000 and Their Multiples
				Dividing by 10, 100, 1000 and Their Multiples
				Order of Operations
				Solving Word Problems
				Chapter Review
				Put on Your Thinking Cap!
				Chapter Assessment
			Review 1	
	4 - 6	3		Fractions and Division
				Addition of Mixed Numbers
				Subtraction of Mixed Numbers
				Chapter Review
				Put on Your Thinking Cap!
			Chapter Assessment	
	6 - 9	4		Product of a Fraction and a Whole Number
				Product of Two Fractions
				Product of a Mixed Number and a Whole Number
				Chapter Review
				Put on Your Thinking Cap!
				Chapter Assessment
	9 - 10	5		Solving Word Problems
				Chapter Review
Put on Your Thinking Cap!				
Chapter Assessment				
	Rev & CA 1	Review 2		
		Revision Test 1		
10			CA 1	
2	1 - 2	6	Area of a Triangle	
			Composite Figures	
			Chapter Review	
			Put on Your Thinking Cap!	
			Chapter Assessment	
	2 - 4	7		Finding Ratios
				Equivalent Ratios
				Comparing Three Quantities
				Solving Word Problems
Chapter Review				

			Put on Your Thinking Cap!		
			Chapter Assessment		
			5 - 9	8	Volume of a Solid
					Drawing Cubes and Cuboids
					Volume of a Cube and a Cuboid
					Volume of a Liquid
					Chapter Review
					Put on Your Thinking Cap!
			9 - 10	Rev & SA 1	Chapter Assessment
					Review 3
Revision 1					
3	1 - 3	9	SA 1		
			Multiplying by 10, 100, 1000 and Their Multiples		
			Dividing by 10, 100, 1000 and Their Multiples		
			Converting Measurements		
			Solving Word Problems		
			Chapter Review		
			Put on Your Thinking Cap!		
	Chapter Assessment				
	3 - 5	10	Percent		
			Percentages as Fractions and Decimals		
			Decimals and Fractions as Percentages		
			Percentage of a Quantity		
			Solving Word Problems		
			Chapter Review		
			Put on Your Thinking Cap!		
	Chapter Assessment				
	5 - 6	11	Understanding Average		
			Chapter Review		
			Put on Your Thinking Cap!		
			Chapter Assessment		
	7 - 8	12	Review 4		
			Rate		
			Solving Word Problems		
			Chapter Review		
Put on Your Thinking Cap!					
9 - 10 10	Rev & CA 2	Chapter Assessment			
		Revision			
4	1 - 2	13	CA 2		
			Angle Properties		
			Chapter Review		
			Put on Your Thinking Cap!		
			Chapter Assessment		
	2 - 5	14	Review 5		
			Classifying Triangles		
			Sum of Angles in a Triangle		

		Right-angled, Isosceles and Equilateral Triangles
		Finding Unknown Angles
		Drawing Triangles
		Chapter Review
		Put on Your Thinking Cap!
		Chapter Assessment
5 - 7	15	Parallelograms, Rhombuses and Trapeziums
		Finding Unknown Angles
		Drawing Four-sided Figures
		Chapter Review
		Put on Your Thinking Cap!
		Chapter Assessment
7 - 9	Rev & SA 1	Review 6
		Revision 2
		SA 2

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PRIMARY 6 MATHEMATICS SCHEME OF WORK OUTLINE 2018

Term	Week	Chapter	Topic
1	1	1	Using Letters as Numbers
	1 - 2		Simplifying Algebraic Expressions
	2		Word Problems Review A
	3	2	Finding Unknown Angles Review B
	4	3	Solid Figures
			Nets of Solids
			Review C Review 1
	5	4	Four Operations With Fractions
			Dividing By a Proper Fraction
	6	5	Ratio & Fraction
			Word Problems (1)
			Comparing Ratios
			Word Problems (2) Review E
8 - 10	Rev & CA 1	Revision for CA 1	
10		CA 1	
2	1	6	Finding Percentages
			Word Problems (1)
	2		Word Problems (2)
			Review F Review G
	3	Rev	Review 2 Revision 1
	4	7	Distance & Speed
	4 - 5		Average Speed
	5		Word Problems Review H
	5 - 6	8	Radius, Diameter & Circumference
	6		Area of a Circle
			Review I
	7	9	Understanding Pie Charts
			Review J
7 - 8	Rev & SA 1	Review 3	
		Revision	
		SA 1	
3	1 - 2	10	Area & Perimeter of Composite Figures
	2		Review K
	3 - 4	11	Volume of Solids
	4		Volume of Liquids

		Review L
		Review M
	4	Review 4
		Revision 2
	4 - 5	PRELIM REVISION