HUAMIN PRIMARY SCHOOL

<mark>P1 MATHEMATICS ASSESSMENT PLAN 2021</mark> As of 30th November 2020

	Term 1	Term 2	Term 3	Term 4
	Chapter 1 : Numbers to 10 Chapter 2: Addition Chapter 3: Subtraction Chapter 4: Shapes Chapter 5 : Ordinal Numbers	Chapter 6 : Numbers to 20 Chapter 7 : Addition and Subtraction Chapter 8 : Picture Graphs Chapter 9 : Numbers to 100	Chapter 10 : Addition and Subtraction Within 100 Chapter 11 : Length Chapter 12 : Multiplication	Chapter 13 : Division Chapter 14: Time Chapter 15 : Money
Reporting of Student's Learning Progress LO 1: Understand Addition and Subtraction LO 2: Identify, name, describe and sort shapes LO 3: Read and Interpret Picture Graphs LO 4: Understand Numbers up to Hundred LO 5: Add and Subtract Numbers LO 6: Measure and Compare Lengths Using Everyday Objects LO 7: Understand Multiplication and Division LO 8: Tell Time to the Hour/Half Hour	**LO1: Understand Addition and Subtraction** • **MBS (Week 6)** Topic: **Addition within 10 Subtraction Within 10** **LO2: Identify, name, describe and sort shapes** • MBS (Week 8) Topic: **Shapes**	**LO3: Read and Interpret Picture graphs** • **MBS (Week 7)** Topic: **Picture Graphs** **LO4: Understand Numbers up to Hundred** • **MBS (Week 9)** Topic: **Numbers to 100**	**LO5: Add and Subtract Numbers** • MBS (Week 4) Topic: **Addition and Subtraction Within 100** **LO6: Measure and Compare Lengths Using Everyday Objects** • MBS (Week 6) Topic: **Length**	**LO7: Understand Multiplication and Division** • MBS (Week 3) Topic: **Multiplication and Division** **LO8: Tell Time to the Hour/Half Hour** • **MBS (Week 5)** Topic: **Time**

1

LIVEWORKSHEETS

Topics	Term 1	Term 2	Term 3	Term 4
WHOLE NUMBERS **Chapter 1: Numbers to 10** **8 periods** **Week 2** • Counting to tell the number of objects in a given set (up to 10) • Number notation and representations (up to 10) • Reading and writing numbers in numerals and words (up to 10) • Comparing Numbers (up to 10) • Patterns in number sequence	**Factual Fluency** • Picture, Dot, Numeral, Number-Word Cards • Multilink Cubes **Learning Experience Activities** • Using Picture, Dot, Numeral and Number Word Cards for number recognition and comparison • Using multilink cubes to represent and compare numbers in terms of ones, and use language such as 'more than', 'fewer than', 'the same as' and 'as many as' to describe comparison. • Describe a given number pattern using language such as '1 more/1 less' **Topical Worksheet**			
WHOLE NUMBERS **Chapter 2 & 3: Addition and Subtraction Within 10** **24 periods** **Week 3 to 6** ****Touch typing lessons** **2-3 periods** **Week 5** • Concepts of Addition: ○ Number bonds up to 10	**Factual Fluency** • Dot Cards • Addition Fact Cards • Subtraction Fact Cards • Multilink Cubes **Learning Experience Activities (Addition Within 10)** • Use multilink cubes to make addition stories, write an addition equation for each story, write two addition facts for a given number bond			

2

- Addition as 'putting two sets together' - Addition as 'adding on' to a set - Addition in relation to the part-whole concept of number bonds - Addition is commutative - Use of + and – - Adding (within 10) - Mental Calculation involving addition (within 10) - Concepts of Subtraction: - Number bonds up to 10 - Subtraction as the reverse of addition - Subtraction as 'taking away' from a set using 'count back' strategy - Subtraction in relation with the part-whole concept of number bond - Use of + and – - Relationship between addition and subtraction - Subtraction (within 10) - Mental Calculation involving Subtraction (within 10)	within 10 and use strategies such as 'count on' for addition within 10 - Use number bond posters and make stories to build and consolidate number bonds for numbers up to 10 - Work in groups to make addition stories using concrete objects/pictures and write an addition equation for each story - Write two addition facts for a given number bond within 10 - Use strategies such as 'count on' for addition with 20 (before committing the number facts to memory) - Achieve mastery of basic addition facts within 10 through playing a wide range of games **Learning Experience Activities (Subtraction Within 10)** - Use multilink cubes to make subtraction stories, write an subtraction equation for each story, write two subtraction facts for a given number bond within 10 and use strategies such as 'count back' for subtraction within 10 - Use number bond			

3

posters and make stories to build and consolidate number bonds for numbers up to 10
- Work in groups to make subtraction stories using concrete objects/pictures and write a subtraction equation for each story
- Write two subtraction facts for a given number bond within 10
- Use strategies such as 'count back' for addition within 10 (before committing the number facts to memory)
- Achieve mastery of basic subtraction facts within 10 through playing a wide range of games

Topical Worksheet

Mastery of Basic Skills (MBS)
- Addition Within 10 MBS
- Subtraction Within 10 MBS

LO1: Understand Addition and Subtraction (Week 6)
- Addition Within 10 MBS
- Subtraction Within 10 MBS

Review 1 – Week 7
(Practice Book 1A – Pg 49 to 54)
• Numbers to 10
• Addition

• Subtraction	
Geometry Chapter 4: Shapes 20 periods Week 7 – 8 • Identifying, naming, describing and classifying 2D shapes, rectangle, square, triangle, circle, half circle and quarter circle. • Forming different 2D figures with rectangle, square, triangle, half circle and quarter circle. • Identifying the 2D shapes that make up a given shape • Copying figures on dot grid or square grid.	**Factual Fluency** **Learning Experience Activities** • Recognise, name and describe the 4 basic 2D shapes (rectangle, square, circle and triangle) from real objects and pictures (drawings and photographs) • Trace the outline of 2D basic shapes from 3D objects • Identify and describe 2D basic shapes in different sizes and orientations • Form a 2D basic shape from cut-out pieces of shape • Work in groups to sort 2D shapes in different ways and explain how the shapes are sorted • Recognise and describe the differences/similarities between two 2D basic shapes according to attributes such as sides, vertices, sizes and colours • Relate half circle and quarter circle to circle • Work in groups to create composite figures (e.g. picture of a boat) using 2D shapes or applets and get other groups to

	identify the basic shapes that make up the composite figures. **Topical Worksheet** **Mastery of Basic Skills (MBS)** • Shapes MBS **LO3: Identify, Name, Describe and Sort Shapes** **Performance Task (Week 8)** • Shapes MBS			
DATA REPRESENTATION AND INTERPREATATION **Chapter 5: Ordinal Numbers** **8 periods** **Week 9** • Order objects in terms of first, second, third, and ... up to tenth • Use ordinal numb... second, third ... to tenth • Use s... • Identify ... gs using or... s based on a refere... int	**Factual Fluency** **Learning Experience Activities** • Play ... e to check if s... w how to ...lves ... ...einforce ...ave learnt ...dinal numbers ...Worksheet **Review 2 – Week 10** (Practice Book 1A – Pg 83 to 88) • Shapes • Ordinal Numbers			

To be updated when the 2021 TLG for Ordinal Numbers is available

Updated as of **30ᵗʰ November 2020**