# Class I

**Maths Lesson Plan** 

Term I

(2020-21)

Class 1
MATHS FA1 Syllabus. (20Marks)
L - 1 Shapes
L - 2 Patterns
(Textbook and Workbook )both

MATHS FA2 Syllabus. (20 Marks) Chapter - 3.1 Count in ones and tens Chapter - 3.2 Compare two digit numbers (Textbook and Workbook)

MATHS SA-1 MYA (50 Marks)

Chapter - 1.1 Shapes

Chapter - 3.1 Count in Ones and Tens

Chapter - 3.2 Compare 2-digit numbers

Chapter - 4.1 Add 1- digit and 2-digit numbers

Textbook and Workbook both

Concept Overview – 1.1: Understand Spatial Words											
Day and Yanned Date	TB Page No. and Section	KC No.	Daily Learning Outcome(s)	Teaching Strategies	Resources	Practice	Teacher's Notes				
<b>1</b> 00/MM/YYYY	1- THK	1.1.a	<ul> <li>Recall the basic shapes of objects.</li> </ul>	Guided     Learning	• bangles	-					
<b>2</b> DD/MM/YYYY	2 – RCL	1.1.a	Describe various positions with respect to an object: on, under, above, below, near, far.	Guided     Learning	-	WB: Pg. 1 (Q. 1)					
<b>3</b> DD/MM/VYYY	3 – RCL	1.1.a	Describe various positions with respect to an object: in front of, behind, inside, outside, before, between, after.	Guided     Learning     Questioning	-	WB: Pg. 1 (Q. 2)					
<b>4</b> DD/MM/YYYY	3, 4 – RCL	1.1.a	Use correct words to describe positions of objects.	Direct Instruction	-	TB: Pg. 4 (Fill in the blanks) WB: Pg. 1 (Q. 3)					
<b>5</b> DO/MM/YYYY	4-6 - REM/UND	1.1.a 1.1.b	Identify flat figures and their properties.     Identify objects in the surroundings having different flat figures.	Direct Instruction	IMAX chart of Flat Figures	TB: Pg. 6 Example 2 WB: Pgs. 1, 2 (Q. 4, 5, 12)					

• Practising

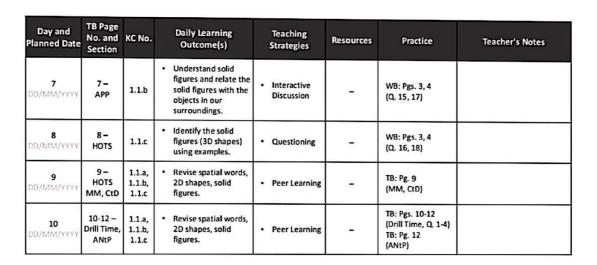
5, 6 – REM/UND TMB

1.1.b

 Count the sides and corners of a flat figure. TB: Pg. 6 TMB WB: Pg. 2 (Q. 6-11, 13, 14)

 IMAX Geoboard





Written Work

#### **Maths Munchies**

Collect 10 things from your home. Draw the outlines of their bases.

Write the names of the objects. Also, write the names of the shapes of their bases.





#### **Connect the Dots**

#### English Fun

Letters such as 'A' and 'V' of the English alphabet look like triangles. Letters such as 'O' and 'Q' look like circles.

Can you make a rectangle by using the letter 'L'? What other shapes can you make using the letters of the English alphabet?

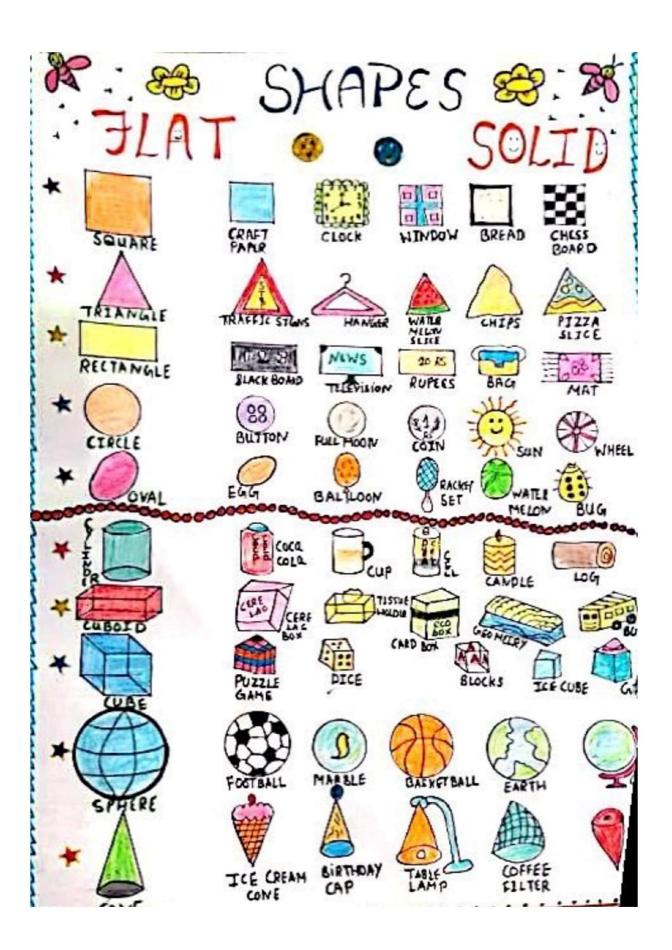
# AVOQL

#### **EVS Fun**

Shapes are all around us. What do our arms look like? Our arms look like cylinders. What is the shape of our eyeballs? Our eyeballs look like spheres. What is the shape of the Earth?



https://www.youtube.com/watch?v=WC1VwRtU4PI&feature=you



	Concept Overview – 2.1: Patterns in Surrounding												
Day and Planned Date	TB Page No. and Section	KC No.	Daily Learning Outcome(s)	Teaching Strategies	Resources	Practice	Teacher's Notes						
<b>1</b> DD/MM/YYYY	13, 14 – THK/RCL	2.1.a	Recall solid and flat shapes.	<ul><li>Practising</li><li>Interactive</li><li>Discussion</li></ul>	•	W8: Pg. 6 (Q. 1-3)							
2 DD/MM/YYYY	15 – REM/UND	2.1.a	Identify patterns. Identify basic shape of a pattern.	<ul><li>Interactive Discussion</li><li>Practising</li></ul>	crayons or markers	WB: Pg. 7 (Q. 4-6)							
3 DD/MM/YYYY	16 – REM/UND	2.1.a	Complete the pattern.	Using     Concrete     Material	vegetable pieces     chart paper     water colours	WB: Pgs. 7, 8 (Q. 7-12)							
<b>4</b> DD/MM/YYYY	17 – REM/UND TMB	2.1.a	Recognise and complete the patterns.	<ul> <li>Interactive Discussion</li> <li>Practising</li> </ul>	• coloured chalks	TB: Pg. 17 (Try This, TMB) WB: Pgs. 8, 9 (Q. 13, 14)							
5 DD/MM/YYYY	18 – APP	2.1.a	Predict what comes next in a pattern.	<ul> <li>Guided         Learning         Practising     </li> </ul>	-	TB: Pg. 18, Example 3 WB: Pg. 9 (Q. 15)							



Day and Planned Date	TB Page No. and Section	KC No.	Daily Learning Outcome(s)	Teaching Strategies	Resources	Practice	Teacher's Notes
6 DD/MM/YYYY	19 – APP	2.1.b	Determine the patterns found in numbers.     Discuss the various patterns found in numbers.	• Peer Learning	-	WB: Pg. 10 (Q. 16, 17)	
<b>7</b> DD/MM/YYYY	19, 20 – HOTS	2.1.a	Analyse the patterns found in our surroundings.	Interactive     Discussion     Peer     Learning	-	WB: Pg. 10 (Q. 18)	
8 DD/MM/YYYY	21-24 – MM, CtD, Drill Time, ANtP	2.1.a, 2.1.b	Revise problems related to patterns.	Interactive     Discussion     Practising	-	TB: Pgs. 22, 23 (Drill Time Q. 1-3, MM, CtD)	



### **Connect the Dots**

#### English Fun

Poems follow patterns too. Similar sounding words repeat in poems to create rhymes. Here is a short rhyme for you to sing and enjoy.

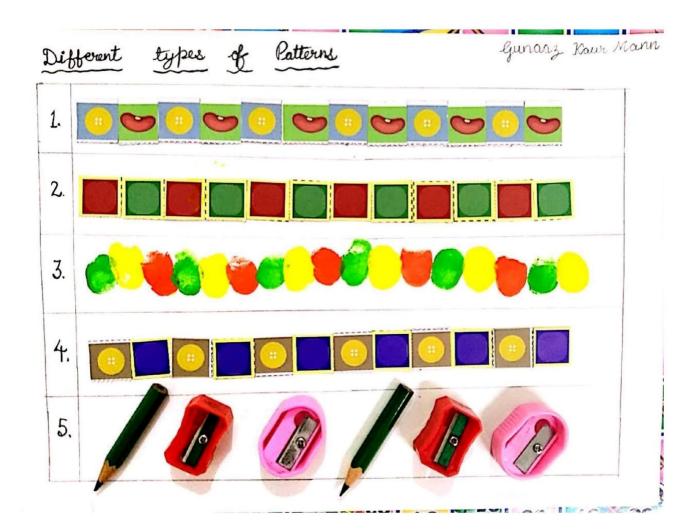
Twinkle, twinkle, little star,
How I wonder what you are.
Up above the world so high,
Like a diamond in the sky.

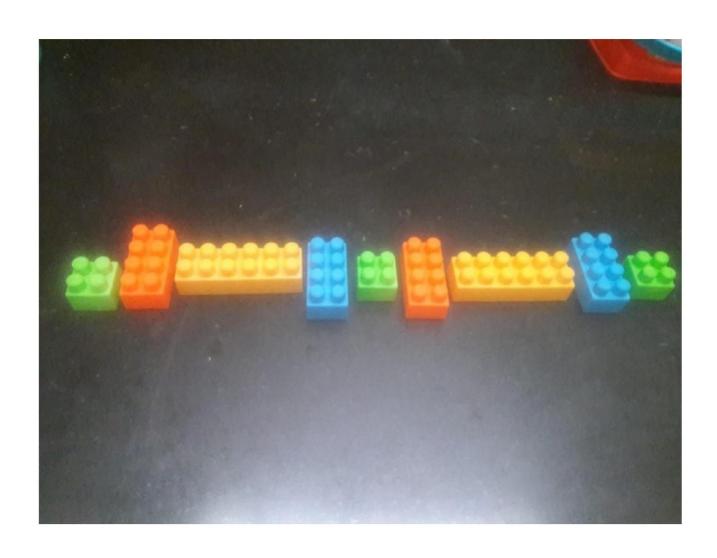
#### **EVS Fun**

You know that tigers and zebras have stripes on their bodies. Leopards and giraffes have patches on their bodies. Can you find more animals with patterns.



https://www.youtube.com/watch?v=Lh3twupvl7M&feature=youtu.be







Concept Overview – 3.1: Count in Ones and Tens										
Day and Planned Date	TB Page No. and Section	KC No.	Daily Learning Outcome(s)	Teaching Strategies	Resources	Practice	Teacher's Notes			
<b>1</b> DD/MM/YYYY	25, 26 – THK/RCL	<b>3.1</b> .b	Recall numbers from 1 to 9.	<ul> <li>Questioning</li> <li>Guided Learning</li> </ul>	• crayons	TB: Pg. 26 WB: Pg. 12 (Q. 1-3)				
<b>2</b> DD/MM/YYYY	27 – REM/UND	3.1.a	Explain and represent zero.	<ul> <li>Using         Concrete         Material         Peer         Learning     </li> </ul>	-	WB: Pg. 12 (Q. 4)				
3 DD/MM/YYYY	28 – REM/UND	3.1.b	<ul> <li>Count and find the total number of objects.</li> </ul>	<ul> <li>Practising</li> </ul>	IMAX Bean Strips	-				
4	28, 29 – REM/UND	3.1.c	<ul> <li>Identify 'digit' and 'place value chart'.</li> </ul>	Activity     Method	• beans/ pebbles	-				
5 DD/MM/YYYY	28, 29 – REM/UND	3.1.c	<ul> <li>Identify 'digit' and 'place value chart'.</li> </ul>	Guided     Learning	IMAX Place Value Cards	WB: Pgs. 12, 13 (Q. 5-8)				
<b>6</b> DD/MM/YYYY	29-31 <b>–</b> REM/UND	3.1.c, 3.1.d	Discuss place value chart and abacus counting.     Identify the number names from the numbers.	• Guided Learning	• abacus	WB: Pg. 13 (Q. 9)				
<b>7</b> dd/mm/yyyy	31 – REM/UND	3.1.c, 3.1.d	Identify the ones and tens place in numbers.     Recall the number names, represent numbers on abacus.	Activity     Method	-	TB: Pgs. 28, 29 (Example 2) WB: Pgs. 13, 14 (Q. 10-14)				



Day and Planned Date	TB Page No. and Section	KC No.	Daily Learning Outcome(s)	Teaching Strategies	Resource	s Practice	Teacher's Notes
8 DD/MM/YYYY	31, 32 REM/UND	3.1.d	Recall number names, represent numbers on abacus.	Interactive     Discussion	-	TB: Pg. 32 (Example 3)	
9 DD/MM/YYYY	32, 33 – APP, TMB	3.1.c	<ul> <li>Form/Create 2-digit numbers using place value chart.</li> </ul>	Interactive     Discussion	-	TB: Pg. 32 (TMB) WB: Pg. 14 (Q. 15, 16)	
<b>10</b> DD/MM/YYYY	32, 41 –	3.1.a, 3.1.b, 3.1.c, 3.1.d	Revise/solve Drill Time questions.	• Peer Learning	-	TB: Pg. 41 (Drill Time Q. 1-3)	
<b>11</b> DD/MM/YYYY	31 - APP	3.1.c	<ul> <li>Use the place value chart and form numbers.</li> </ul>	<ul> <li>Practising</li> </ul>	-	TB: Pg. 33, (Example 6) WB: Pgs. 14, 15 (Q. 17)	
<b>12</b> DD/MM/YYYY	34 - HOTS	3.1.c	<ul> <li>Represent 2-digit numbers on an abacus.</li> </ul>	<ul> <li>Guided Learning</li> </ul>	• IMAX Grid Board	TB: Pg. 34 (Example 7)	
13	34 - HOTS	3.1.c	Demonstrate place values of a digit by using an abacus.	• Peer Learning	-	TB: Pg. 34 (Example 8) WB: Pg. 15 (Q. 18)	

Concept Overview – 3.2: Compare 2-digit Numbers												
Day and Planned Date	TB Page No. and Section	KC No.	Daily Learning Outcome(s)	Teaching Strategies	Resources	Practice	Teacher's Notes	<b>←</b>				
<b>1</b> DD/MM/YYYY	35, 36 – THK,RCL	3.2.a	Recall the positions of objects and numbers.	Activity     Method     Peer     Learning	• marbles	TB: Pg. 36 I Recall, Fill in the blanks WB: Pg. 16 (Q. 1-3)						
<b>2</b> DD/MM/YYYY	36 – REM/UND	3.2.a	Identify 'before'     and 'after'     numbers.	Guided     Learning     Activity     Method	-	TB: Pg. 36, (Example 9) WB: Pg. 16 (Q. 4, 6)						
3 DD/MM/YYYY	37 – REM/UND	3.2.a	Compare numbers using >, < and =.	Activity     Method	-	WB: Pgs. 16, 17 (Q. 5, 7-13)						
4 DD/MM/YYYY	37 – REM/UND TMB	3.2.a	Show the comparison of numbers.	Peer Learning Activity Method	-	TB: Pg. 36 (TMB) WB: Pg. 17 (Q. 14, 15)						
5 DD/MM/YYYY	38 – APP	3.2.a	Arrange numbers in ascending and descending orders.	Guided     Learning	IMAX     Number     Strips	WB: Pg. 18 (Q. 16)						
<b>6</b> DD/MM/YYYY	38 – APP	3.2.a	Arrange numbers in ascending and descending orders	<ul><li>Guided Learning</li><li>Peer</li></ul>	-	-						



Day and Planned Date	TB Page No. and Section	KC No.	Daily Learning Outcome(s)	Teaching Strategies	Resources	Practice	Teacher's Notes
<b>7</b> DD/MM/YYYY	38, 39 – APP	3.2.a	Form the greatest and the smallest 2-digit numbers.	Direct     Instruction     Practising	-	WB: Pg. 18 (Q. 17)	
8 DD/MM/YYYY	39 <b>–</b> APP	3.2.a	Form the greatest and the smallest 2-digit numbers.	Questioning     Activity     Method	-	-	
9 DD/MM/YYYY	39, 40 – HOTS, MM, CtD	3.2.a	Observe and identify the positions of a subject/object in real-life situations.	Guided     Learning     Peer     Learning	-	TB: Pg. 40. (MM) WB: Pg. 18 (Q. 18)	
10 DD/MM/YYYY	41, 42 – Drill Time ANtP	3.2.a	Practise comparing     2- digit numbers.	• Peer Learning	-	TB: Pg. 37 (Drill Time Q. 4-8)	

#### Maths Munchies

Choose a 2-digit number with a zero in its ones place. Change the place of its digits. It then becomes a 1-digit number.

For example, take the number 30. If we change the places of its digits, the number becomes 03, which is the same as 3.





#### Connect the Dots

#### English Fun

Arrange the letters D, F, C, J, A, E, G, I, H and B in ascending and descending orders.

#### **EVS Fun**

An adult has 32 (3 tens and 2 ones) teeth in his or her mouth. Count the number of teeth you have. How many are they? Write the number of teeth you have in tens and ones.



	Concept Overview – 4.1: Add 1-digit and 2-digit Numbers										
Day and Planned Date	TB Page No. and Section	KC No.	Daily Learning Outcome(s)	Teaching Strategies	Resources	Practice	Teacher's Note:				
<b>1</b> DD/MM/YYYY	43, 44 – THK,RCL	4.1.a	Identify and recall numbers.	• Questioning • Practising	-	TB: Pg. 44 (I Recall) WB: Pg. 20 (Q. 1-3)					
<b>2</b> DD/MM/YYYY	45 – REM/UND	4.1.a	Understand the term 'sum', 'add', 'addition'.     Read 'plus' (+).     Perform addition via counting.     Identify the symbol for addition.	Guided     Learning     Practising	IMAX     Number     Strips	TB: Pg. 45, [Example 1] WB: Pg. 20 (Q. 4, 5)					
3 DD/MM/YYYY	46, 47 – REM/UND	4.1.b	Perform addition using fingers.	Direct     Instruction	-	WB: Pg. 21 (Q. 6, 12)					
4 DD/MM/YYYY	48 – REM/UND	4.1.b	Perform addition using number line.	Guided     Learning	-	TB: Pg. 48, (Examples 3b, c) WB: Pg. 21 (Q. 7, 9)					
5 DD/MM/YYYY	49 – REM/UND	4.1.b	Perform and understand vertical addition.	Guided     Learning     Peer     Learning	1	WB: Pg. 21 (Q. 10, 11)					
<b>6</b> DD/MM/YYYY	49 – REM/UND	4.1.a 4.1.b	Addition of 2-digit numbers.	• Practising	IMAX     Number     Strips	TB: Pg. 49, (Example 5) WB: Pg. 22 (Q. 13, 14)					
<b>7</b> DD/MM/YYYY	50 – REM/UND	4.1.a 4.1.b	<ul> <li>Addition of 2-digit numbers and 1-digit numbers using real-life examples.</li> </ul>	<ul> <li>Interactive         Discussion     </li> <li>Peer         Learning     </li> </ul>	-	TB: Pg. 50 (Train My Brain)					





Day and Planned Date	TB Page No. and Section	KC No.	Daily Learning Outcome(s)	Teaching Strategies	Resources	Practice	Teacher's Notes
8 DD/MM/YYYY	50 <b>–</b> APP	4.1.a	Apply addition to real-life situations.	<ul><li>Guided Learning</li><li>Practising</li></ul>	-	TB: Pg. 50 (Examples 6, 7) WB: Pg. 26 (Q. 15)	
9 DD/MM/YYYY	50 – APP	4.1.a	<ul> <li>Connect addition with real-life situations.</li> </ul>	Guided     Learning	-	-	
10 DD/MM/YYYY	51 – HOTS	4.1.a	Add three 1-digit numbers.	Practising	-	TB: Pg. 51, (Examples 8, 9) WB: Pg. 27 (Q. 16, 17)	
11	51 – HOTS	4.1.a	<ul> <li>Add three 1-digit numbers.</li> </ul>	Activity     Method	<ul> <li>playing cards</li> </ul>	-	
12 DD/MM/YYYY	51 - HOTS	4.1.a	<ul> <li>Practise adding numbers up to 99.</li> </ul>	Questioning	-	WB: Pg. 28 (Q. 18)	
13	51, 59 – Drill Time	4.1.a	<ul> <li>Practise adding numbers up to 99.</li> </ul>	Practising	-	TB: Pg. 59 (Drill Time Q. 3)	
14	51, 59 – Drill Time	4.1.a	<ul> <li>Practise adding numbers up to 99.</li> </ul>	<ul> <li>Peer Learning</li> </ul>	-	TB: Pg. 59 (Drill Time Q. 1, 2)	

## Maths Munchies

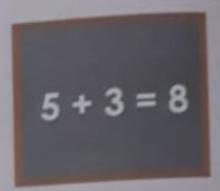
We can add two numbers by drawing lines.

Suppose we have to add 5 and 3.

First draw 5 lines and then 3 lines as shown.

Then, count the lines continuously. The number we get for the last line is the sum of the two given numbers.

So, 
$$5 + 3 = 8$$
.





### Connect the Dots

Some words in the English language are also formed by adding two different words to make a single meaningful word.

For example.

Moon

light = Moonlight

Sun

rays = Sunrays

Can you write a few such words?







How many fingers do we have in total? To find this we 'add' the fingers of both the hands. Can you count the fingers in the given picture?

Now, count your own fingers of both hands.



