

Alternative academic plan for the year 2021-22 Bridge Course

1st Standard Subject: Mathematics

Instructions to this Bridge course – The class is divided into two (2) main groups.

Category 1) Students who can access online classes.

Category 2) Students who do not have access to online classes

S. No	Month & Days	Unit	Learning Outcomes of the unit	Alternative Teaching Learning Strategies	Resource available to be prepared by the Dept.	Preparation to be made by the teachers at school level
01	July(26) Day1	Bridge Course	Creating learning atmosphere For young Learners	Creating learning interesting for young learners		
	Day 1		Counts numbers 1- 9 Activity1 The facilitator makes the learners to watch the video on number rhyme and practice it. Rhyme-Once I caught a fish alive Activity 2 Number recognition game	Number Rhyme Video link https://youtu.be/9ir_l7qTiZ4	Category: 1 (Smart Phones) Teacher share the video link with the facilitator through WhatsApp and asks him/her to make the learner to watch the video twice or thrice as required. Teacher explains the game and tells to practice	

				The Facilitator draws number line on the floor and writes number in it when facilitator tells number and learner jump on that number		Category: 2 Teacher holds a meeting with facilitators and hands over the rhyme sheet and an instruction sheet to them and explains how to recite the rhyme and how to give the demo instructions to the learners. Teacher explains the game and tells the facilitator to practice the game with the learner
	Day 2		Recognises numbers from 1 To 9 Traces numbers 1-9	Activity 1 Miss Bingo game The facilitator demonstrates the game to the learners. Learners play according to the instructions given by the facilitator. Activity 2 Sand tray practice The facilitator prepares a sand tray and tell students to trace the numbers in proper direction after seeing the video.	Refer Video link https://youtu.be/vjB5aSyWD6U	Category: 1 (Smart Phones) Teacher sends the video link to the facilitator through WhatsApp and explains the game and tells him/her to practice the game with the learner Category: 2 Teacher holds a meeting with facilitators explains the game and demonstrates the writing activity and tells the facilitator to practice the game and writing activity with the learner

	Day 3		Identifies numbers 1-9	Activity 1: Worksheet 1 The facilitator provides the worksheet of identifying number and colour it.	Worksheet	Category: 1 (Smart Phones) Teacher sends the instructions for the activities to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners. Category: 2 Teacher holds a meeting with facilitators and hands over the instructions for the activities and explains how to conduct them and guide the learners in the tasks.
	Day 4		Counts objects up to 9 Counts and recites numbers 1-9	Activity 1: Game- Finding the number Facilitator writes the numbers under each paper cup and gives some beads or Marbles to put inside the cup according to the number written on it. The learner		Category: 1 (Smart Phones) Teacher sends the instructions for the activities to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners. Category: 2

				identifies and calls out the number, counts the same number of beads and puts them in the cup.		Teacher holds a meeting with facilitators and hands over the instructions for the activities and explains how to conduct them and guide the learners in the tasks.
	Day 5		Identifies and reads number up to 9	<p>Activity 1: Preparation of Number Chart The facilitator writes out numbers from 1 to 9 on a plain sheet of paper.</p> <p>He/she then makes stamps out of cut vegetables</p> <p>The learner dips the cut vegetable in colour, reads the number and make prints beside the given number using the stamps.</p> <p>Activity 2: Identification of numbers using Flashcards Facilitator shows Flashcards of number asks learners to read it.</p>		<p>Category: 1 (Smart Phones) Teacher sends the instructions for the activities to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners.</p> <p>Category: 2 Teacher holds a meeting with facilitators and hands over the instructions for the activities and explains how to conduct them and guide the learners in the tasks.</p>

	<p>Day 6</p>		<p>Arranges the numbers in sequential order</p>	<p>Activity 1: Arranging numbers in sequence order Facilitator writes numbers on the paper cups asked the learners to arrange them in the correct sequence. After that, the facilitator asks them questions such as:</p> <ul style="list-style-type: none"> • Which number comes before 5? • Which number comes after 7? <p>Activity 2: Collecting objects Facilitator gives learners some instructions such as</p> <ul style="list-style-type: none"> • Bring three note books • Bring five pencils • Bring 2 pens <p>Learners have to follow the instructions and do as directed</p>		<p>Category: 1 (Smart Phones) Teacher sends the instructions for the activities to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners.</p> <p>Category: 2 Teacher holds a meeting with facilitators and hands over the instructions for the activities and explains how to conduct them and guide the learners in the tasks.</p>
--	---------------------	--	--	---	--	--

	<p>Day 7</p>		<p>Counts objects 1-9</p>	<p>Activity 1: Number matching: Worksheet 2 Facilitator provides the worksheet to the learners and guides them to complete it.</p> <p>Facilitator should scan the QR code to understand how to write numbers in a proper way.</p>	<p>Worksheet with QR code</p>	<p>Category: 1 (Smart Phones) Teacher sends the worksheet, instructions for the activity on number matching to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners.</p> <p>Category: 2 Teacher holds a meeting with facilitators and hands over the worksheet, and other activities and explains how to conduct the activities and guide the learners in the tasks.</p>
	<p>Day -8</p>		<p>Recites and counts numbers 1-9</p>	<p>Activity 1: TPR Activity Facilitator gives learners the following instructions. Learners listen and respond to the instructions and count numbers while doing the actions Instructions to be given by the facilitator are:</p>	<p>Worksheet With QR code</p>	<p>Category: 1 (Smart Phones) Teacher sends the instructions for the TPR activity and other activities for the day to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners.</p>

				<ul style="list-style-type: none"> • Nod your head three times • Blink your eyes two times • Show your five fingers • Clap your hands 6 times. <p>Activity 2: Sticking bindi</p> <p>Facilitator calls out numbers and asks learners to listen to the number. The learner writes the number on the given paper and stickssame number ofbindis next to the number.</p>		<p>Category: 2</p> <p>Teacher holds a meeting with facilitators and hands over the worksheet, and other activities and explains how to conduct the activity and guide the learners in the tasks.</p>
	Day 9		Adds 2 single digit numbers	<p>Activity 1: Rhyme on addition</p> <p>The facilitator shows the learner the video of the rhyme on addition and practices the rhyme 2-3</p>	<p>Refer video</p> <p>https://youtu.be/IFCGEExyoYw</p>	<p>https://youtu.be/OnJlGMggBes</p> <p>Category: 1 (Smart Phones)</p> <p>Teacher sends the instructions for the activities to the facilitator through WhatsApp. Teacher explains the activities</p>

				<p>times.</p> <p>Activity 2: Addition using pebbles Facilitator plays the video provided to teach addition using objects.</p> <p>He/she demonstrates the same process to the learners using pebbles.</p> <p>He/she then calls out numbers between 1 to 9 and asks the learner to add the given numbers using pebbles</p>	<p>Refer video link</p> <p>https://youtu.be/dean_tALtA0</p>	<p>asks the facilitator to guide the learners.</p> <p>Category: 2 Teacher holds a meeting with facilitators and hands over the instructions for the activities and explains how to conduct them and guide the learners in the tasks.</p>
	Day 10		Adds 2 single digit numbers	<p>Activity 1: Rolling dice Facilitator rolls two dice. The learner adds the numbers displayed on the dice.</p> <p>Activity 2: Worksheet 3 Facilitator provides the worksheet to the learner and guides them to complete the task.</p>	Worksheet 3 with QR code	<p>Category: 1 (Smart Phones) Teacher sends the instructions for the activities to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners.</p> <p>Category: 2 Teacher holds a meeting with facilitators and hands over the</p>

				Facilitator scans QR code on the worksheet.		instructions for the activities and explains how to conduct them and guide the learners in the tasks.
	Day 11		Constructs addition facts of 1-9	<p>Activity 1: Apple math tree Facilitator draws an apple tree and writes 5 addition sums using numbers from 1 to 9 on it. He/She also cuts out 5 Apple shapes using colour paper and writes the answersto the given sums on them.</p> <p>Learners do the sums and place the apples with correct answers on the apple tree.</p> <p>Activity 2: Addition using fingers Facilitator gives learners some addition sum on a sheet of paper and showslearners how to do add two numbers using their fingers.</p>		<p>Category: 1 (Smart Phones) Teacher sends the instructions for the activities for the day to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners.</p> <p>Category: 2 Teacher holds a meeting with facilitators and hands over instructions for the activities and explains how to conduct them and guide the learners in the tasks.</p>

	Day 12		<p>Solves everyday life problems related to addition of single digit numbers</p>	<p>Activity 1: Ring toss game Facilitator writes out some addition sum on a paper cup and keeps them upside down on the floor.</p> <p>Learners throw the ring on any paper cup, read the sum written on it and give the answer.</p> <p>Activity 2: Story problem on addition Facilitator tells story problem addition and asks learners to answer to the questions</p> <ol style="list-style-type: none"> 1. There are two birds on a tree. One more bird joins them. How many birds are now on the tree? 2. Rahul has six chocolates. His mother gives him 2 more chocolates. How many chocolates does 	<p>Category: 1 (Smart Phones) Teacher sends the instructions for the activities for the day to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners.</p> <p>Category: 2 Teacher holds a meeting with facilitators and hands over instructions for the activities and explains how to conduct them and guide the learners in the tasks.</p>

				Rahul have now?		
	Day13		Constructs addition facts	<p>Activity 1: Add and Arrange Facilitator writes out simple addition sums on each ice-cream stick. The answers to the sums are written on paper cups. The learner solves the sum given on the ice-cream stick and places it in the cup with the correct answer.</p> <p>Activity 2: Addition catch game</p> <p>Facilitator writes 5 simple addition sums on 5 pieces of paper and crushes the sheets to make 5 balls.</p> <p>The facilitator picks any ball and throws it to the learner. The learner catches the ball and answers.</p>		<p>Category: 1 (Smart Phones) Teacher sends the instructions for the activities for the day to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners.</p> <p>Category: 2 Teacher holds a meeting with facilitators and hands over instructions for the activities and explains how to conduct them and guide the learners in the tasks.</p>

	Day14		Constructs addition facts	<p>Activity 1: Craft Activity Facilitator helps the learner to cut 9 circles using colour paper and tells them to write numbers from 1 to 9 on the circles.</p> <p>The learners are then asked to stick the circles on a sheet of paper in the correct sequence from 1 to 9, to form a caterpillar.</p>		<p>Category: 1 (Smart Phones) Teacher sends the instructions for the activities for the day to the facilitator through WhatsApp. Teacher explains the activities asks the facilitator to guide the learners.</p> <p>Category: 2 Teacher holds a meeting with facilitators and hands over instructions for the activities and explains how to conduct them and guide the learners in the tasks.</p>
	Day15			<p>Assessment 1</p> <p>The facilitator assesses the learner using the given assessment sheet and hands over the answer sheet to the teacher</p>	Assessment -1	Teacher records learners' assessment on the basis of their performance, worksheets and activities and records it according to the assessment guidelines given by the department