

# MATHEMATICS

MONTH	LESSON	SUGGESTED ACTIVITIES	EXPECTED LEARNING OUTCOMES	RES OUR CES	VALUE/SKILLS	No. of PDS.
April & May	<b>Lesson -1</b> What is long, What is round? UBC AC FNC	<ol style="list-style-type: none"> <li>1. Guessing game to know about different objects and their shape.</li> <li>2. Handling different object which can roll and slide draw picture.</li> <li>3. Making post card stronger stand.</li> <li>4. Recitation of poem what is long, what is round .look around (2).</li> <li>5. Making paper tiny tree.</li> <li>6. Collection of different thinks and make tower to show tall and short.</li> <li>7. Coin play rolling, sliding and spinning the coins.</li> <li>8. Work sheet.</li> </ol>	<ol style="list-style-type: none"> <li>1. Rhymes on shapes. Handling different objects that are long and round &amp; objects that can roll &amp; slide.</li> <li>2. Guessing games to learn about different shapes of objects.</li> <li>3. Making a tree made of paper. Coin play to demonstrate rolling, sliding &amp; spinning of the coins.</li> <li>4. Grouping objects into long &amp; round.</li> <li>5. Playing the game 'Pithoo'.</li> <li>6. Collection of different things – boxes of different kind, match boxes, balls, erasers.</li> <li>7. Make towers to show the tallest.</li> <li>8. Work Sheets.</li> </ol>	<ol style="list-style-type: none"> <li>1. Objects of different shapes, paper, glue, scissor.</li> <li>2. PPT on different shapes.</li> </ol>	<ol style="list-style-type: none"> <li>1. Develop the skills of recognition, imagination &amp; thinking.</li> </ol>	21
June	<b>Lesson -2</b> Counting in groups UBC, FNC AC , PSA	<ol style="list-style-type: none"> <li>1. Arranging things in groups.</li> <li>2. Keeping things in pairs.</li> <li>3. Joining dots in order.</li> <li>4. Standing in groups of 2, 3, 5, through a game.</li> <li>5. Guess &amp; say more or less.</li> <li>6. Knowing about ordinal numbers (eg) children standing in line &amp; give instructions such as second child clap your hands, third child pull your nose.</li> </ol>	<ol style="list-style-type: none"> <li>1. Can learn arranging things in pairs.</li> <li>2. Can learn to count the numbers in groups.</li> </ol>	<ol style="list-style-type: none"> <li>1. Number flash cards.</li> <li>2. Ordinal numbers</li> <li>3. Collection of things – glass, bottle, caps, bindi, pencil, eraser.</li> </ol>	<ol style="list-style-type: none"> <li>Learn to group similar things.</li> <li>Learn less than, more than.</li> </ol>	6
july	<b>Lesson -2</b> Counting in groups UBC, FNC AC , PSA	<ol style="list-style-type: none"> <li>1. Activity: Hop in your right foot, in which foot you hopped more number of times.</li> <li>2. Join the dots. 21 to 52 to get a picture.</li> <li>3. Puzzling tilt arrange collection in 10's.</li> <li>4. Arrange numbers smaller to bigger.</li> <li>5. Ordering of numbers in ordinal numbers 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> ...</li> <li>6. Back ward counting.</li> <li>7. Work sheet</li> </ol>	<ol style="list-style-type: none"> <li>1. Can count numbers properly.</li> <li>2. Can count numbers up to 100.</li> <li>3. Can know ordinal numbers.</li> <li>4. Can act as per direction.</li> </ol>	<ol style="list-style-type: none"> <li>1. Collection of different things.</li> <li>2. Number cards.</li> <li>3. Puzzles.</li> </ol>	<ol style="list-style-type: none"> <li>1. Skill of acting.</li> <li>2. Knowing about positions.</li> <li>3. Knowledge of century.</li> </ol>	22
	<b>Lesson -3</b>	1. Experiments to show salt and sugar dissolve in water	1. To know about heavier and	1. Wool.	1. Knowing the	

	How much can you carry	<p>but wool, cotton etc. absorb water.</p> <p>2. Playing in the sea saw or use of beam / balance to demonstrate heavier &amp; lighter.</p> <p>3. Use of balance to measure things.</p> <p>4. Making of balance to measure things.</p> <p>5. Handling unit of measuring things.</p>	<p>lighter things.</p> <p>2. Know about properties of salt</p>	<p>2. cotton</p> <p>3. salt</p> <p>4. Sugar</p> <p>5. Balance sea saw.</p> <p>6. Units of measurement.</p>	<p>properties of various things used in daily life.</p> <p>2. Knowledge of measurement &amp; measuring things.</p>	
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August Cycle-3	<b>Lesson - 4</b> Counting in tens UBC FNC AC PSA	1. Collect objects like flowers, beads, bindis, stories. 2. Count the numbers with the help of abacus. 3. Make flower garlands of 10 flowers. 4. Threading the beads in tens. 5. Arrange 10 bindis in different designs. 6. Write number in tens and ones.	1. Can be able to arrange things in tens. 2. Learn to make flower garlands out of beads in tens. 3. Concept of tens -ones.	1. Sticks. 2. Beads 3. Flowers. 4. Abacus 5. Bindi PPT on numbers	1. Knowledge Of place value 2. Grouping things in tens.	19
	<b>Lesson -5</b> Patterns UBC FNC AC PSA	1. Bindis, alphabets, numbers, shapes can be arranged in different patterns. 2. Drawing gate grill patterns, window grill pattern of school & class room. 3. Drawing patterns for saree, dress, curtain, pillow, bedsheet. 4. Drawing patterns of tile on the floor. 5. Making patterns with match stick. 6. Complete the pattern & colour.	1. Can be able to draw various Patterns. 2. To know patterns through colours. 3. To know about the number pattern, alphabet pattern .	1. Collection of bindis, leaves, match sticks PPT on patterns	Designing, Art & Creativity	
Sept.	<b>Lesson -6</b> Foot prints UBC FNC AC PSA	1. Matching animals with their foot prints. 2. Draw your foot prints and your friend's foot prints on the floor. Compare which is smaller. 3. Trace and guess the objects traced. 4. Tracing the polar of family members & guess whose it is. 5. Draw the missing things in a given picture. 6. Trace the objects of different shapes. 7. Make a group of objects of similar shapes. 8. Drawing pictures of different shapes & counting the no. of each shape.	1. Know about tracing of objects of different shapes. 2. Know the foot prints of animals & human beings.	1. Foot print of different animals. 2. Pebbles, leaves, flowers, 3. object of different shapes. 4. PPTs on shapers.	1. Knowledge of different shapes. 2. Knowledge of tracing things.	20

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	<b>Lesson -7</b> Jugs and mugs UBC FNC AC PSA	<ol style="list-style-type: none"> <li>Liquid to be measured in different shapes of containers.</li> <li>Fill water in different shapes of container and find out which container contains more/less/least.</li> <li>Compare with two containers which hold more which holds less.</li> <li>Find out the vessels used in the kitchen, filling them with water &amp; guess which container contains more water &amp; which container contains less.</li> <li>A soft drink.</li> <li>Narrating the story of thirsty crow and rani and milk man with OHP&amp; ppt's.</li> </ol>	<ol style="list-style-type: none"> <li>Know about the size and capacity of the container.</li> <li>Know about the more/ less.</li> <li>Know the uses of water.</li> <li>To know the volume of liquid items.</li> <li>knowledge about different Vessels used in day to day life</li> </ol>	Different types of container. Things required to prepare a soft drink.	<ol style="list-style-type: none"> <li>Develops observation and comprehensive skills</li> <li>Knowledge about how to prepare drinks.</li> </ol>	
October	<b>Lesson - 8</b> Tens & ones UBC FNC AC PSA	<ol style="list-style-type: none"> <li>Collection &amp; recognition of coins and notes of different denominations.</li> <li>Learning counting of numbers.</li> <li>Converting rupees in tens of tens &amp; many.</li> <li>Reading the price tag &amp; break up the money into different denominations. Eg. 25 = 10 + 10 + 5</li> <li>adding the notes &amp; coins.</li> <li>Playing games on bangle throw</li> <li>Counting using number cards of tens and ones.</li> <li>Cleaning the classroom in groups of tens.</li> </ol>	<ol style="list-style-type: none"> <li>Know about place value.</li> <li>Learn about notes &amp; coins.</li> <li>Make group of tens &amp; ones.</li> <li>Know about cleanliness.</li> </ol>	Coins & notes of different denominations. Token cards of tens & ones. Bangles, rings, PPT	<ol style="list-style-type: none"> <li>Cleanliness.</li> <li>know ledge about shopping</li> <li>Knowledge about money.</li> <li>Develop confidence.</li> <li>importance of money.</li> </ol>	14
Nov.	<b>lesson -9</b> my fun day UBC FNC AC PSA	<ol style="list-style-type: none"> <li>Song on days of the week &amp; months of the year.</li> <li>Reading the calendar.</li> <li>Making of a calendar 2015-16.</li> <li>Naming the days of a week and twelve months in a year.</li> <li>Write the name of seven days and months of the year.</li> <li>Write the time- table of your class.</li> <li>Write different festivals, vegetables, fruits of different months.</li> <li>Write your favourite month and why?</li> <li>Write your birthday month.</li> <li>After and before will be drilled.</li> <li>Knowing the season that fall in different months.</li> <li>Finding out the hottest, coldest &amp; rainiest place through a game.</li> </ol>	<ol style="list-style-type: none"> <li>Learn about days, weeks, months, and year.</li> <li>Understand the concept of after and before of day and months.</li> </ol>	<ol style="list-style-type: none"> <li>Calenders .</li> <li>Charts of vegetable fruits and festival.</li> <li>Time table of the class.</li> </ol>	<ol style="list-style-type: none"> <li>Knowledge about day's month's festivals season and seasonal fruits and festivals.</li> <li>Can use calendar.</li> <li>Knowledge of hottest, coldest &amp; rainiest place.</li> </ol>	18

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	<b>lesson -10</b> Add our points UBC FNC AC PSA	<ol style="list-style-type: none"> <li>Counting numbers 1 – 100.</li> <li>Backward counting of numbers.</li> <li>Mental addition.</li> <li>Puzzle solving – killer Lizard.</li> <li>Playing of games heads and tails.</li> <li>Adding 2 digits numbers two at a time.</li> <li>Quick addition 3 single digits.</li> <li>Dice game.</li> <li>Guess &amp; tell.</li> <li>Before, between &amp; after numbers.</li> <li>Using the no. grid to count.</li> </ol>	<ol style="list-style-type: none"> <li>Can know about numbers 1 to 100 .</li> <li>Can do addition of 2 -2 digit numbers .</li> <li>Can do 3 single digit addition .</li> <li>Can solve puzzle.</li> </ol>	<ol style="list-style-type: none"> <li>Dice.</li> <li>Number flash cards.</li> <li>1 - 100 chart.</li> <li>puzzles on PPTs</li> </ol>	<ol style="list-style-type: none"> <li>Mental addition.</li> <li>Quick addition of 3 single digit</li> </ol>	
Dec.	<b>Lesson - 11</b> Lines and lines. UBC FNC AC PSA	<ol style="list-style-type: none"> <li>Draw straight and curved lines.</li> <li>Forming alphabets with the help of match sticks.</li> <li>Drawing standing, sleeping &amp; slanting lines.</li> <li>Make dancing lines to make some dance positions.</li> <li>Making designs with dots.</li> <li>See the lines in picture made by different kind of lines and draw your own picture.</li> <li>Role play of traffic police.</li> <li>Work sheet and PPTs on folk cards.</li> </ol>	<ol style="list-style-type: none"> <li>Can know about curved / straight lines.</li> <li>Know about sleeping and slating lines.</li> <li>Able to draw different types of picture with dancing lines and designs with dots.</li> </ol>	<ol style="list-style-type: none"> <li>Pictures of different types of lines.</li> <li>Drawing of some folk cards.</li> <li>Picture with dots.</li> <li>Picture of dance position and folk art's .</li> </ol>	<ol style="list-style-type: none"> <li>Develop creativity.</li> <li>Knowledge about dance position.</li> <li>Knowledge about folks Art's.</li> <li>Knowing traffic rules &amp; traffic police.</li> </ol>	16
Jan Cycle - 7	<b>Lesson -12</b> Give and take UBC FNC AC PSA	<ol style="list-style-type: none"> <li>Objects like beads, sticks, seeds, leaven, flowers and class room situation can be used for addition and subtraction.</li> <li>Direct addition &amp; subtraction of two digits numbers.</li> <li>Word problems on addition &amp; subtraction.</li> <li>A mocking shop may be arranged in the class.</li> <li>Learning addition &amp; subtraction through mock shopping.</li> <li>Making bills.</li> <li>Making play money with paper.</li> <li>Worksheets and PPT's on addition and subtraction.</li> </ol>	<ol style="list-style-type: none"> <li>Understanding the meaning of Giving (+) and taking (-).</li> <li>Easily can add and subtract Small numbers.</li> <li>Know the different signs (+, -).</li> </ol>	<ol style="list-style-type: none"> <li>Play money.</li> <li>Beads</li> <li>Sticks</li> <li>Flowers</li> </ol>	<ol style="list-style-type: none"> <li>Develop the sense of estimation and confidence in handling money.</li> </ol>	22

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	<b>lesson -13</b> The longest Step UBC FNC AC PSA	<ol style="list-style-type: none"> <li>Measuring things inside the classroom like blackboard, table by fingers and hand span.</li> <li>Using strings, sticks to measure different things.</li> <li>Measuring &amp; drawing as per the instruction: cat's food - rat or milk?</li> <li>Measuring different body parts of a child with the help of fingers &amp; hand spans &amp; comparing the measurement with his friends.</li> <li>Worksheet and practice exercises.</li> <li>Concept of highest and smallest length by simple Guessing the length &amp; height of bigger &amp; smaller different things.</li> </ol>	<ol style="list-style-type: none"> <li>Learn to measure different length of things by finger and hand spans.</li> <li>Know about the non standard units of measurement fingers, hand span, matchsticks.</li> <li>Know about the things that are to be measured by fingers, hand span, match sticks, string.</li> <li>Learning of measuring things by non-standard units.</li> </ol>	1.String, stick, pencil, table chains, toys, books, class room objects.	<ol style="list-style-type: none"> <li>Develop the sense of estimation.</li> <li>Knowledge of measurement with non – standard units.</li> <li>Measurement with nonstandard units.</li> </ol>	
Feb.	<b>Lesson - 14</b> Birds come birds Go UBC FNC AC PSA	<ol style="list-style-type: none"> <li>Poem on rhymes on birds.</li> <li>PPT on migration of birds.</li> <li>Token cards of 10 and 1 will be made to do (+) and (-).</li> <li>Doing problems on migration of birds.</li> <li>Activities (i) catch the right bus (ii) cross me out (iii) chakachak toli will be done.</li> <li>Diary of expenditure for the month will be done.</li> <li>Practice problems on + and -.</li> <li>Finding the missing numbers..</li> </ol>	<ol style="list-style-type: none"> <li>Learn about migration of birds.</li> <li>Recognise patterns in which different birds fly.</li> <li>Learn how to carry and borrow numbers.</li> <li>Learn how to solve problems.</li> <li>Know how to keep an account of the expenditure of a month.</li> </ol>	<ol style="list-style-type: none"> <li>Poems on rhymes.</li> <li>Token cards.</li> <li>PPT on Birds.</li> </ol>	<ol style="list-style-type: none"> <li>Sense of cleanliness.</li> <li>Knowledge about the migration of birds.</li> </ol>	18
	<b>Lesson - 15</b> How many Pony tails? USB FNC AC PSA	<ol style="list-style-type: none"> <li>Find out letters in name.</li> <li>Activity fruit seller - count and write the number of fruits.</li> <li>Making different hair styles.</li> <li>Finding out the shoe numbers of the children in the class.</li> <li>Activity on water we drink.</li> <li>Drawing &amp; colouring of the rain bow.</li> <li>The colour you like activity.</li> <li>PPT's on colour.</li> <li>Collecting data on the colour the children like, red – 5, blue – 9, yellow – 8.</li> </ol>	<ol style="list-style-type: none"> <li>Learn to know about different hair style.</li> <li>Know about the drinking habit.</li> <li>Know about colour.</li> </ol>	<ol style="list-style-type: none"> <li>Pictures of different hair styles.</li> <li>Colour Chart.</li> <li>PPT's.</li> </ol>	<ol style="list-style-type: none"> <li>Data handling.</li> <li>Knowledge about the things they use in their daily life.</li> </ol>	
March		REVISION				

