

YEAR PLAN 2018– 2019

Grade II MATHEMATICS

The academic year is divided into **two** sessions

Session One: June 2018 to October 2018

Session Two: November 2018 to March 2019

Continuous assessments: June, July, August, September, October, November, December, January, February, March.

Summative Assessment I: October 2018

Summative Assessment II: March 2019

Aim: To learn to enjoy the subject by developing confidence.

To understand when and how a mathematical technique is used.

Enduring Understanding: To understand the importance of Mathematics in daily life.

Objectives: To develop various types of skills like computing, problem solving, critical thinking and decision making.

To learn to retain multiplication tables of 2 to 10.

To develop the ability to organize and interpret the given data.

To understand the value of money and its use in daily life.

Project: Shapes – To create different geometrical shapes using paper folding technique.

Session One: June 2018 to October 2018

Duration	Topics	Specific Learning Objectives	Activity	Skills
June	Revisit Numbers 1-100 Addition up to 99 Subtraction up to 99	Recall numbers up to 100 Comparison of numbers and their arrangement in ascending and descending orders. Recall addition skills. Learn how to add 2 digit numbers with grouping and re – grouping. Apply the concept of addition.	Circle time. Using number cards/place cards. Mental Math.	Sorting Sequencing Generating and extending ideas.
July	Subtraction up to 99 (Word Problems)	Recall subtraction skills. Be able to do subtraction with grouping and re-grouping. Learn how to solve word problems related to subtraction.	Using flash cards Various games to increase speed and alertness in calculation. Solving worksheet Mental Math. Multimedia Presentation.	Analysing relationship Generating and extending ideas Looking for alternative outcomes.
	Numbers up to 1000	Learn how to build a 3- digit number using the place values. Comparison of numbers and their arrangement in ascending and descending orders.	Story time Using number cards/place cards. Mental Math.	Sorting Sequencing Comparing
August	Addition and Subtraction	Learn how to add 2 and 3 – digit numbers with grouping and re – grouping. Learn how to subtract 2-digit number from 3-digit number and 3-digit number from 3-digit number.	Using flash cards Story time Mental Math	Solving daily life problems Analysing relationship Generating and extending ideas Looking for alternative outcomes
September	Shapes	Understand and recognize the different shapes in real life situation.	Building blocks to identify different shapes. Observe the different shapes in and around the classroom. Identifying the shapes from the given pictures. Multimedia presentation	Solving daily life problems Processing the information Analysing relationship Extending ideas to life related problems
	Time	Understand and recognize the different shapes in real	Using a model of clock.	

		life situation.	Preparing a time table of each student's daily activities.	Asking relevant questions Giving reasons Logical thinking.
October	Revision			
	Multiplication	Learn and recite the multiplication tables from 2 to 10.	Oral recitation of multiplication tables 2-10 Circle time. Mental math.	Sequencing Analysing relationships
Session Two: November 2018-March 2019				
Project: To work in groups of five and measure students height and do a comparative study.				
November	More on Multiplication	Learn and recite the multiplication tables from 2 to 10. Compute accurately. Explains the purpose of using multiplication. Compute accurately.	Solving daily life problems Asking relevant questions Mental Math	Sequencing Analysing relationships Testing conclusions Classifying Comparing and contrasting Generating and extending ideas.
December	Division Patterns	Recall multiplication facts. Explains the purpose of using division. Understand division as equal sharing. Understand division as being the opposite of multiplication. Understand and recognize the different patterns in daily life experiences.	Story time to understand the concept of division. Bead activity is done to understand division as reverse multiplication. To learn to identify patterns and generalize a rule to extend a progressive pattern.	Applying imagination Testing conclusions Logical thinking Analysing relationship Generating and extending ideas.
January	Money Data Handling	Identify coins and currency notes Learn about the role of money in their day-to-day life. Develop the ability to organise and interpret a given data.	A group activity to identify coins and currency notes. Solving worksheet (application of money in daily life situation). Simple graphs related to day to day life(time table chart etc.) Conducting group activities for data collection and tabulation.	Planning what to do Giving reasons Extending ideas Locating and collecting information Drawing inferences.
February	Measurement	Understand the standard units of length, mass and capacity. Apply the learnt skills in day-to-day life situations.	Students measure the length of various objects in and around the class room. Circle time Using different type of equipments to measure mass Bottles of different capacity are used to learn the concept.	Solving daily life problems Analysing relationship Comparing units.

Resources	
Books	Websites/Interactive software
<ul style="list-style-type: none"> • Text Book: Top Score Mathematics-Macmillan Education • Inspiration ICSE Mathway • Targeting Mathematics-Madhuban publications • Pyramid Mathematics – The McGraw-Hill Companies • Maths N U – Chand Publications • Primary Mathematics • Exploring Mental Mathematics-Rachana Sagar Pvt. Ltd • APC Mastering Mathematics-Arya Publishing Company 	<ul style="list-style-type: none"> • www.creative Mathematics.com • www. Easy calculation.com • www.maths is fun.com • www. Fun 4 the brain.com • www.Primary resources.uk <p>Multimedia Presentation Iken Edu Math Pebbles live</p>