The Orchid School
Baner
Syllabus Overview 2015- 2016
Std : II
Subject : Math

Month	Lesson / Content / Name of the Book	Expected Learning Objective	Activities/FAs Planned
APRIL	Math Genius- ●Block 1- Numbers 0-100 review	●Identify and make numbers using place value blocks.	Play a game of Tambola.
	●Block 1- Numbers 0-100 review	●Identify odd and even numbers.	using 10 frame and rajma beans
	●Block 2- Introduction to hundreds (0-200)	●Represent and write numbers upto 200 in expanded form.	Identify and allocate place values using Dienes blocks.
	●Block 2- Introduction to hundreds (0-200)	●Make numbers upto 200 using place value blocks.	Identify and allocate place values using Dienes blocks.
JUNE	●Block 3- Review of Addition 0 to 20	●Find Addition facts that add to a number.	●Adding and subtracting using rajma beans, dienes blocks.
	Block 3- Review of Addition 0 to 20	Add numbers by making 10's	●Adding and subtracting numbers by using the number grid.
	●Block 4- Adding 2 digit + 1 digit	●Understand laws of Addition	●Adding objects given in groups.
	●Block 4- Adding 2 digit + 1 digit	●Add 2 digit and 1 digit numbers (upto 100) without crossing the tens boundary	●Addition of two numbers to understand the regrouping of digits by using dienes blocks.
FA 1			

JULY	●Block 4- Adding 2 digit + 1 digit	●Add 2 digit and 1 digit numbers (upto 100) without crossing the tens boundary	Addition of two numbers to understand the regrouping of digits by using dienes blocks.
	Block 4- Adding 2 digit + 1 digit	●Add 2 digit and 1 digit numbers (upto 100) making the tens.	Addition of two numbers to understand the regrouping of digits by using dienes blocks.
	Block 4- Adding 2 digit + 1 digit	●Add 2 digit and 1 digit numbers (upto 100) making the tens.	Addition of two numbers to understand the regrouping of digits by using dienes blocks.
	Block 5- Review of Subtraction 0-20	●Find strategies to subtract 1- digit number from 2- digit numbers	●Subtracting in pairs with and without regrouping using Diene's blocks.
	Block 5- Review of Subtraction 0-20	●Find strategies to subtract 1- digit number from 2- digit numbers	●Solving number stories by drawing diagrams
AUG	Block 6- Subtracting 2 digits- 1 digit	●Find strategies to subtract 1- digit number from 2- digit numbers	subtracting using number grid, objects and dienes blocks.
	Block 6- Subtracting 2 digits- 1 digit	●Use mental strategies to subtract 8.9.10	subtracting using number grid, objects and dienes blocks.
	Block 7- Lines	●Identify and differentiate between the different kinds of lines in figures, shapes and solids.	●Make straight lines by folding, straight edged object,stretched strings and draw free hand with a ruler
	Block 7- Lines	●Identify the similarities and differences in the different lines.	
FA 2			
SEPT	●Block 8- Flat shapes	●Define properties of shapes. ●Identifying objects observing their shadows.	Identfy the different shapes of objects in the classroom (pencil, lunch box etc)
	●Block 9- Solid shapes	●Identify similarities and differences between shapes. ●Describe features of solids.	clasify different objects dependiing on their shapes.
	●Block 10- Patterns	Create, describe and extend repeating and growing patterns. Represent patterns with different materials.	Observe the different patterns around you. Create a pattern of your own using different beads.
	●Block 11- Introduction to multiplication	Solve simple multiplication problems by adding.	Arrange objects in different groups eg arrange books in groups of 3's,5's.
	Block 11- Introduction to multiplication	●Use the symbol X and = to represent a multiplication number story.	Show a multiplication sentence with counters or pictures and vice versa.

SA 1			
OCT	●Block 12- Multiplication tables (2,5 and 10)	Skip count and find the tables of 0, 1, 2, 5 and 10.	Dividing the given objects into equal groups to demonstrate the understanding of multipication.
	Block 12- Multiplication tables (2,5 and 10)	●Apply rules to find the tables 2, 5 and 10.	Draw pictures to make multiplication table.
	Block 13- Multiplying tables (3, 4,)	Find tables of 3, 4 by making groups and skip counting.	Using rajma beans, sticks, number grid to make table of 3, 4.
	Block 13- Multiplying tables (6 and 9)	Find tables of 6 and 9 by making groups and skip counting.	Draw pictures, usiing rajma beans to make multiplication table of 6 and 9.
NOV	Revision (multiplication table of 3,4, 6 and 9)	Revise multiplication table of 2 to 10.	practice worksheet.
	●Block 14- Length	Use non-standard units to measure the lengths of objects. Measure how much longer an object is than another using the same unit.	Measure the length of the given object using paper strip, chalk or different objects.
FA 3			
DEC	Block 15- Weight and Capacity	Compare the weight and capacity using non-standard units and arrange them in an order.	Compare different objects using non standard units.
	Block 16- Comparing 0 to 200	Compare numbers from 0 to 99, and compare numbers from 0 to 200	Compare the numbers using Diene's block and number grid.
	Block 17-Hundreds 200-500	Compare 3 digit numbers using place value.	Identify, compare and allocate place values using Dienes blocks.
	Block 17-Hundreds 200-500	Ordering 3 digit numbers using a number line.	Use Diene's blocks, arrow cads and place value chart.
JAN	Block 18 - Hundreds 500 to 1000	Identify, compare and use place value of digits in a 3 digit number	Use Diene's blocks, arrow cads and place value chart.
	Block 18 - Hundreds 500 to 1000	●Represent , identify 3 digit numbers in expanded form and on a number line. Represent numbers in expanded form and find numbers that add up to make 500.	Use Diene's blocks, arrow cads and place value chart.
	Block 19- Adding 2- Digit (without regrouping)	Add two 2 digit numbers using number grid	Using different strategies , number grids to add 2 digit number.

	Block 20- Adding 2 Digit (with Regrouping)	Add two 2 digit numbers using expanded notation	Using Diene's blocks to add
FA 4			
FEB	Block 20- Adding 2 Digit with Regrouping	Add two 2- digit numbers using column method.	Using Diene's blocks to add
	Block 21- Subtracting 2 Digits	Subtract two digit numbers quickly using the number grid by subtracting tens and ones in different steps.	Subtracting numbers by using different strategies number line, number grid.
	Block 22- Subtracting 2-Digits(with regrouping)	Solve 2 digit subtraction problems without regrouping using the column method.	Draw pictures to show subtraction.
MARCH	Block 22- Subtracting 2-Digits(with regrouping)	Solve 2 digit subtraction problems with regrouping using the column method.	Use Diene's blocks, arrow cads .
	Block 23 Time, calendar	Read a calendar and interpret the data in the calendar like birthdays, festivals and seasons.	Use of calendar to introduce the days of the week, months and seasons. Sequence events occuring over longer periods in terms of dates/days.
	Block 24- Money	Identify different denominations of money. Explain that there can be different combinations of notes and coins that can be used to pay for an object and there can be change that can be got back.	Using fake currency to show them different denominations of money.
	Block 24- Money	Explain that there can be different combinations of notes and coins that can be used to pay for an object and there can be change that can be got back.	Money Transaction through mock drills and visiting shop.
	Block 25- Data Handling	Use Draw a pictograph and block graph to show their data. ●Tell what the graph is showing.	Collecting the data through survey and interpreting it.
SA 2			