

SUBJECT: MATHEMATICS

Detailed Planning (Horizontal)for Class I

Session 2015-2016

For the Month/ Classes reqd	Concepts & Skills	Learning Outcomes	Instructional Tools & References	Pedagogy	Activity/Assignment/ Projects/ Research	Assessment	Formative / Summative Assessment
<p>(26-04-2015 onwards)</p> <p>Duration of period: 40 min</p> <ul style="list-style-type: none"> • Concept of addition.(3) • Addition on number line.(3) • Adding zero.(2) • Adding three numbers.(2) • Addition by forward counting.(2) • Concept of subtraction(3) • Subtraction on number line.(2) • Subtraction by backward counting (3). <p>Total classes reqd.: 20</p>	<p>TOPIC:</p> <p>Addition and Subtraction upto 10</p> <p>Skills:</p> <ul style="list-style-type: none"> • Putting together. • Taking away. • Mental sums. • Number combination 	<ul style="list-style-type: none"> • Addition as counting together. • Subtraction as taking away. • Adding and subtracting mentally till 10. 	<ul style="list-style-type: none"> • Number line • Number cards • Number sticks • Blocks. 	<ul style="list-style-type: none"> • Hands on practice • Explanation • Random Questioning • Concept Formation • Reinforcement • In -text Questions 	<ul style="list-style-type: none"> • Count on, Count all. • Number stick activity. • Number track activity. • Count together, Take away. 	<ul style="list-style-type: none"> • Number line jumps • Ordering numbers. • Moving forward for addition. • Moving backward for subtraction. 	<p>Fa1:</p> <ul style="list-style-type: none"> • E1: Activity- Number family game.(mentioned on text book) • E2: Blackboard test- Number line (add and subtract) • E3: mental addition and subtraction • E4: Teach and assess <p>SA1:</p> <ul style="list-style-type: none"> • Addition and subtraction in columns.

--	--	--	--	--	--	--	--