

# Vertical Planning

## Grade 1 (2017-18)

Month	P.O.I	English	Math	ICT	Performing Arts		Visual Arts	P.E.
					Dance	Music		
4 <sup>th</sup> April- 7 <sup>th</sup> July	<p><b>C.I:-</b> Being aware of our body helps us take care of it.</p> <p><b>L.O.I:-</b></p> <ul style="list-style-type: none"> <li>Parts of the body</li> <li>Uses of various parts of the body.</li> <li>Taking care of the body</li> </ul> <p>Key concepts: Form, function, responsibility. Related concepts: similarities and differences, role, choice.</p>	<p><b>T.D-</b> Long and short vowel sounds. Use of articles: a, an , the</p> <p>Poem</p> <ul style="list-style-type: none"> <li>My Wonderful Body</li> <li>Head shoulders knees and toes.</li> </ul> <p>Stories:-</p> <ul style="list-style-type: none"> <li>The Skeleton Crew</li> <li>Danny Goes to the Dentist</li> </ul> <p>Comprehension:-</p> <ul style="list-style-type: none"> <li>The Heart</li> <li>Skeleton</li> </ul> <p>Loud Reading: My Loose Tooth</p>	<p><b>T.D-</b> Measurement of, height and distance. Measuring temperature. Data handling</p> <ul style="list-style-type: none"> <li>Bar Graph (height)</li> </ul> <p><b>Stand Alone-</b></p> <ul style="list-style-type: none"> <li>Numbers</li> <li>Tens and Ones</li> <li>Number names (Up to 100)</li> </ul>	<p><b><u>Natural and Manmade things</u></b></p> <p><b><u>Introduction to machine</u></b></p> <p><b><u>Various machines –</u></b> Washing Machine, Refrigerator, Television, Camera, etc</p> <p><b><u>Computer as a machine</u></b></p> <p><b><u>Parts of computer –</u></b> Monitor, CPU, Keyboard, Mouse, Printer, Scanner, Microphone, Speaker</p> <p><b><u>Starting and Shutting down the computer.</u></b></p> <p>Login and Logout Process.</p> <p><b><u>Getting Acquainted with keyboard</u></b></p> <ul style="list-style-type: none"> <li>Rapid Typing Software(Sebran,Tux-Typing)</li> </ul> <p><b><u>Introduction to Tux Paint</u></b></p> <ul style="list-style-type: none"> <li>Drawing various shapes in Tux paint using Mouse</li> </ul>		<p>TD:-Rhythm (introduction) - Introduction of rhythmic instruments -Patterns</p> <p>TD:-Aerobics</p> <p>-introduction of percussion instruments-focus on Congo</p>	<p>Visiting D.P. Students Art Exhibition. Learning about Portrait making [Integration with UOI]. Making a Portrait of a friend. Making a Self Portrait. Initiating Art Inquiry on 'Artforms'. Observational drawing.</p>	<p>Swimming</p> <p>How are the body parts useful in balancing the body inside water.</p> <p>Basics of hand and leg movement, breathing and bubbling in water.</p> <p>Taking care of the body – exercises.</p>
10 <sup>th</sup> July- 31 <sup>st</sup> August	<p>Sounds all around:</p> <p><b>C.I:</b> - Sound can help us understand and express ourselves.</p> <p><b>L.O.I</b> -Different sources of sound -How we express ourselves through sound -How we respond to sound.</p>	<p><b>T.D.-</b></p> <ul style="list-style-type: none"> <li>Blends</li> <li>Rhyming words</li> <li>Sounds made by animals, birds and things</li> <li>Sequencing</li> </ul>	<p>Number Names (101-200)</p> <p>Stand alone:</p> <ul style="list-style-type: none"> <li>Place and Place value</li> <li>Standard and Expanded form</li> <li>Circle the</li> </ul>	<p><b><u>Parts of computer</u></b></p> <p>Keyboard, Mouse CPU, Monitor, Printer...etc</p> <p><b><u>Introduction to Notepad</u></b></p> <p>Typing in Notepad -</p> <ul style="list-style-type: none"> <li>Alphabets</li> </ul>		<p>-1 2 3 4 -12 34 56 78 -123 123 123 123</p> <p>-F CC F CC -F CC F AA With notation</p>	<p>Origami- Cup, Dog &amp; Air plane. Collage [group activity] Different Mediums of Visual Arts</p>	<p>Swimming</p> <p>How to breathe and bubble. Coordinati on of hand and legs</p>

	<p><b>Key concepts :</b> Form, function, perspective. <b>Related concepts:</b> Sound, communication</p>	<p><b>Poem</b></p> <ul style="list-style-type: none"> <li>Fishes Evening Song</li> </ul> <p>Story:</p> <ul style="list-style-type: none"> <li>What's that sound?</li> <li>Sounds (Poldy and wagtail)</li> <li>City mouse and village mouse</li> <li>Mr. Brown can Moo-Dr. Seuss</li> <li>What the ladybird heard.</li> </ul> <p><b>Loud reading:</b> <b>Silent e</b></p>	<p>biggest and smallest number</p> <ul style="list-style-type: none"> <li>Greater than and less than</li> </ul> <p><b>T.D.: Patterns</b></p> <ul style="list-style-type: none"> <li>Odd and even numbers</li> </ul> <p><b>Sequencing</b></p> <ul style="list-style-type: none"> <li>Ascending and Descending order</li> <li>Before between and after numbers</li> </ul>	<ul style="list-style-type: none"> <li>Numbers</li> <li>Words</li> <li>Sentences</li> </ul>		<p>Mixing Colours Introduction to Water Colours, Creating a Water colour Painting Rangoli</p>	<p>movement with breathing techniques</p>
<p>1<sup>st</sup> September - 7<sup>th</sup> October</p>	<p><b>Landforms</b> <b>Central Idea:</b> The physical features of the Earth have undergone a change over time. <b>Lines of Inquiry:</b> -The evolution of planet Earth. - Physical features of the Earth and their location. -Causes for change in the physical features. <b>KEY CONCEPTS:</b> Change, Form, Causation, transformation <b>RELATED CONCEPTS</b> Places, representation</p>	<p><b>T.D.</b> Parts of speech: Nouns: Proper and common noun Singular and plural nouns Gender Pronouns <b>Loud Reading:</b> By the Sea Catch the Bus Berenstain Bear <b>Comprehension:</b></p>	<p>Number names 201-250</p> <p><b>T.D.</b> <b>Measuring time: Calendar</b> Weeks months year writing date and holidays</p> <p><b>Reading clock</b> Full hour Half past</p>	<p><b>Practice with Keyboard &amp; Mouse</b></p> <ul style="list-style-type: none"> <li>Rapid Typing Software(Sebran,Tux-Typing)</li> <li>Various keys of the keyboard. Left,Right Mouse Click</li> </ul> <p><b>Writing Short Stories &amp; Drawing using Keyboard ,Mouse in-</b></p> <ul style="list-style-type: none"> <li>Notepad</li> <li>Tux Paint</li> </ul>	<p>Introduction of Keyboard -basic saragam -Sa Re Ga Ma to SaReGa ReGaMa...  -simple tune on Keyboard</p>	<p>Introducing an Artist- Paul Klee Creating a Painting using Paul Klee style Browsing a Book- 'This is how I see things' Visiting Senior Are Class</p>	<p>Swimming- 21 mts crawling with the help of safety equipment.</p>
<p>30<sup>th</sup> October- 21<sup>st</sup> December</p>	<p>Reduce, Reuse, Recycle <b>C.I.:-</b> People can establish practices in order to maintain the Earth's environment. <b>L.O.I</b></p> <ul style="list-style-type: none"> <li>How human behaviour affects the environment.</li> <li>Ways of handling different waste</li> </ul>	<p>Loud Reading: <b>T.D.:-</b></p> <ul style="list-style-type: none"> <li>Prepositions</li> <li>Action Words</li> <li>Subject-verb agreement</li> <li>Singular and plural verbs.</li> <li>Past, present, future tense verbs.</li> </ul> <p>(is, are, was, were, has, have)</p>	<p><b>T.D.:-</b></p> <ul style="list-style-type: none"> <li>Repeated Addition</li> <li>Skip Counting</li> <li>Introduction to addition on the number line</li> <li>Vertical addition of 2 digit numbers. (with carryover)</li> <li>Introduction to</li> </ul>	<p><b>Introduction to Ms Paint</b></p> <p>Using Different tools-</p> <ul style="list-style-type: none"> <li>Pencil</li> <li>Brush</li> <li>Eraser</li> <li>Shapes</li> <li>Text</li> <li>Color</li> </ul>	<p>Dance with Prop</p>	<p>Visit to the Artist's Studio Representing a story using a particular artform</p>	<p>Athletics - Disciplines, running, warm-up exercises, cool down exercises. -standing positions according to their heights</p>

	<p>material.</p> <ul style="list-style-type: none"> <li>Personal choices that help sustain the environment.</li> </ul> <p>Key concepts: Reflection, change, responsibility</p> <p>Related concepts: lifestyle, resources, waste</p>	<p>Song:-</p> <ul style="list-style-type: none"> <li>Sarah Cynthia Sylvia Stout.....</li> <li>Recycle Song</li> </ul> <p>Comprehension</p> <ul style="list-style-type: none"> <li>Landfills</li> <li>Recycle</li> </ul> <p>Picture Reading</p>	<p>subtraction on the number line</p> <ul style="list-style-type: none"> <li>Vertical subtraction</li> <li>Data Handling: Venn Diagram</li> </ul>					Stand at ease, attention, proper position, how to take a start, running in their own lanes
							<p>Paper Recycling- Demonstration [ Integration with UOI] Papier mache Turning trash into Art Recycling Oil Pastels</p>	
<p>5<sup>th</sup> January- 2<sup>nd</sup> February</p>	<p>Air</p> <p><b>CI:-</b> Understanding the properties of air allows people to make practical applications</p> <p><b>L.O.I:-</b></p> <ul style="list-style-type: none"> <li>Properties of air</li> <li>Importance of air</li> <li>Factors affecting the air around us</li> </ul> <p>Key concepts : Form, function, causation/responsibility</p>	<p>Describing words.</p> <p>Poem:-</p> <ul style="list-style-type: none"> <li>Who has seen the wind?</li> </ul> <p>Stories:-</p> <ul style="list-style-type: none"> <li>A Wonderful Wind.</li> <li>The North Wind and The Sun</li> </ul> <p>Comprehension and loud reading:-</p> <ul style="list-style-type: none"> <li>The Big Balloon.</li> <li>Air</li> </ul>	<p><b>T.D:-</b></p> <ul style="list-style-type: none"> <li>Measurement of capacity.</li> <li>Measurement of weight</li> </ul> <p>Comparing weights</p> <p><b>Stand Alone</b> Number names 251-350</p>	<p><b>Introduction to WordPad</b></p> <ul style="list-style-type: none"> <li>Typing sentences</li> <li>Formatting Words</li> <li>Size, Font, Style</li> </ul>	Concert practice	Concert practice	Clay Modeling	<p>Annual Sports practice -50 to 100 mts running with all rules and regulations . German drill practice -3 legged race practice</p>

	Related concepts : properties, behaviour, choice							Rolling the ball practice	
							Clay Modelling with Terra cotta clay		
<b>5<sup>th</sup> February – 16<sup>th</sup> March</b>	From Farm to the Table  <b>C.I:-</b> Most of the food products that we eat go through different stages from origin to consumption. <b>L.O.I</b> <ul style="list-style-type: none"> <li>Sources of food</li> <li>Processing of food</li> <li>Different societies make food according to their culture</li> </ul> Key concepts: form, change, connection  Related concepts: structure, transformation, relationship	<b>T.D:-</b> Sentences <ul style="list-style-type: none"> <li>Punctuation</li> <li>Articles</li> <li>Capital and small letters</li> </ul> Comprehension Passages <ul style="list-style-type: none"> <li>Making Cookies</li> <li>Emily's Harvest</li> </ul> Poems <ul style="list-style-type: none"> <li>Oats, peas beans and barley grow</li> </ul> Harvest Song	<b>T.D:-</b> Shapes. <ul style="list-style-type: none"> <li>2D and 3D shapes</li> <li>Lines of symmetry</li> </ul> Data Handling <ul style="list-style-type: none"> <li>Venn Diagram</li> <li>Bar graph of favourite fruit</li> </ul> Number names 351-500	<b><u>Practice with Keyboard &amp; Mouse using</u></b>  <ul style="list-style-type: none"> <li>Sebran,Tux-Typing</li> </ul> <b><u>Writing Short Stories &amp; Drawing using Keyboard ,Mouse in-</u></b>  <ul style="list-style-type: none"> <li>Word pad</li> <li>Ms Paint</li> </ul>				Glass Painting	Athletics Ball games Group games
					Dramatizatio n with or without props		Creating an Artwork on a particular topic using the medium of student's choice.		