

**WEEK –WISE DISTRIBUTION OF 6<sup>TH</sup> CLASS SCIENCE SYLLABUS FOR 2010-11**

<b><u>Month/ Week/ Days</u></b>	<b><u>NO. OF WORKING DAYS</u></b>	<b><u>CHAPTER /TOPIC</u></b>	<b><u>EXPERIMENTS/ACTIVITIES</u></b>
<b><u>April</u></b> <b><u>1<sup>st</sup> Week</u></b> <b><u>1.4.10-3.4.10</u></b>	<b><u>2</u></b>	<b><u>Lesson I</u></b> <b><u>Food</u></b> <b><u>-Food variety</u></b> <b><u>-Food materials and Sources</u></b>	<b><u>Activity-Table 1.1 , 1.2</u></b>
<b><u>2<sup>nd</sup> Week</u></b> <b><u>5.4.10-9.4.10</u></b>	<b><u>5</u></b>	<b><u>Lesson I</u></b> <b><u>Food material and Sources.</u></b> <b><u>Plant-Parts and Animal products as food.</u></b> <b><u>What do different animals eat?</u></b>	<b><u>Table 1.3, 1.4, 1.5, 1.6</u></b> <b><u>Exp 1-</u></b> <b><u>To study the parts of Plant using Chart.</u></b>
<b><u>3<sup>d</sup> Week</u></b> <b><u>12.4.07 -17.4.10</u></b>	<b><u>6</u></b>	<b><u>Lesson -II</u></b> <b><u>Components of Food</u></b> <b><u>Sources and Functions of Protein, Carbohydrates, Fats, vitamins and minerals in our body.</u></b> <b><u>Tests for the presence of different components of food.</u></b>	<b><u>Exp 2-</u></b> <b><u>To test the presence of following components in our food-</u></b> <b><u>-Protein</u></b> <b><u>-Fat</u></b> <b><u>-Starch</u></b>
<b><u>4<sup>th</sup> Week</u></b> <b><u>19.4.10-24.4.10</u></b>	<b><u>6</u></b>	<b><u>Lesson –II</u></b> <b><u>Components of Food</u></b> <b><u>-Balanced Diet</u></b> <b><u>-Deficiency Diseases</u></b>	<b><u>Table-2.2</u></b>
<b><u>5<sup>th</sup> Week</u></b> <b><u>26.4.10-30.4.10,</u></b> <b><u>May</u></b> <b><u>01.5.10</u></b>	<b><u>6</u></b>	<b><u>Lesson III</u></b> <b><u>Fiber to Fabric</u></b> <b><u>-Different type of fabric.</u></b> <b><u>-Fiber</u></b> <b><u>-Plant and Animal Fibers</u></b>	<b><u>-To learn to weave with Paper Strips.</u></b>  <b><u>-To collect different type of cloth material and paste them in the notebook.</u></b>

<u>WEEK</u>	<u>NO. OF WORKING DAYS</u>	<u>CHAPTER /TOPIC</u>	<u>DETAILS</u>
<u>3.05.10-7.05.10</u>	<u>5</u>	<u>Lesson III-</u> <u>-Spinning of Cotton Yarn.</u> <u>-Yarn to Fabric.</u> <u>-History of Clothing Material</u>	<u>Table-4.1, 4.2, 4.3 and 4.4</u>
<u>10.05.10-25.06.10</u>		<u>Summer- Vacation</u>	
<u>June</u> <u>26.6.10-30.06.10</u> <u>July</u> <u>1<sup>st</sup> Week</u> <u>01.07.10 - 03.07.10</u>	<u>1+6=7</u>	<u>Lesson -IV</u> <u>Sorting Materials into Groups</u> <u>-Objects around us</u> <u>-Properties of different Materials.</u>	<u>Collecting different type of material and classifying them.</u>
<u>2<sup>nd</sup> Week</u> <u>5.7.10-9.7.10</u>	<u>5</u>	<u>Lesson IV-</u> <u>Properties of different materials.</u> <u>-Hardness</u> <u>-Solubility</u> <u>Transparency</u>	<u>Exp-3</u> <u>To test the solubility of different substances in water.</u>
<u>3<sup>rd</sup> Week</u> <u>12.7.10-17.7.10</u>	<u>6</u>	<u>Lesson V-</u> <u>Separation of Substances.</u> <u>Methods of separation</u> <u>hand picking, thrashing, winnowing, sieving</u>	<u>Exp-4</u> <u>To separate two components of a mixture by sedimentation and decantation.</u>
<u>19.7.10-24.07.10</u>	<u>6</u>	<u>Lesson V-</u> <u>Methods of Separation</u> <u>i)Sedimentation</u> <u>ii)Decantation</u> <u>iii)Filtration</u> <u>iv)Evaporation</u> <u>Saturated and Unsaturated solutions</u>	<u>Exp5-</u> <u>To separate a mixture of Sand and Salt</u> <u>Exp6-</u> <u>To obtain clear water from a sample of muddy water.</u> <u>Activity-</u> <u>To prepare saturated solution of sugar.</u> <u>Table 6.1</u>

<u>5<sup>th</sup> week</u> <u>26.07.10-31.7.10</u>	<u>6</u>	<u>Lesson-VI-</u> <u>Changes Around Us -Reversible and irreversible change</u>	<u>-To classify different type of changes and prepare a table.</u>
<u>August</u> <u>1<sup>st</sup> Week</u> <u>2.8.10-7.08.10</u>	<u>6</u>	<u>Chapter VI</u> <u>Other type of changes</u> <u>Chapter VII</u> <u>Getting to know Plants</u> <u>Herbs, Shrubs and Trees</u>	<u>-To study different herbs, shrubs and trees present in the school.</u>
<u>2<sup>nd</sup> Week</u> <u>9.8.10-13.8.10</u>	<u>5</u>	<u>Lesson VII</u> <u>-Function of Stems, Leaves and Roots.</u> <u>Different Types of Roots- Tap Root and Fibrous Root.</u>	<u>-To study different type of Roots – Tap Root and Fibrous Root.</u> <u>Exp-7-</u> <u>-To study Venation in different types of leaves</u> <u>Table 7.1</u>
<u>3<sup>rd</sup> Week</u> <u>16.08.10-21.8.10</u>	<u>6</u>	<u>Lesson VII-</u> <u>- Flowers</u> <u>-Parts of flowers and their functions.</u>	<u>Exp 8-</u> <u>To study the parts of flower.</u>
<u>4<sup>th</sup> Week</u> <u>23.8.10-28.8.10</u>	<u>6</u>	<u>Lesson VIII-</u> <u>Body Movements</u> <u>Human Body and its movements.</u> <u>Different type of joints in our body.</u> <u>Human Skeleton</u>	<u>Exp 9-</u> <u>To study the Human Skeleton System with the help of a model.</u>
<u>30.08.10-31.08.10</u> <u>September</u> <u>1<sup>st</sup> Week</u> <u>01.09.10-04.09.10</u>	<u>5</u>	<u>Lesson VIII</u> <u>Body Movements in different animals.</u>	<u>Exp-10</u> <u>To study the movement in different type of animals with the help of specimens.</u>
<u>2<sup>nd</sup> Week</u> <u>6.9.10-11.9.10</u>	<u>3</u>	<u>Revision</u>	<u>Revision</u>

<u>08.9.10</u> <b><u>First CCEP EXAMINATION</u></b>			
<u>3<sup>rd</sup> Week 13.9.10-20.9.10</u>			<b><u>FIRST TERM EXAMINATION 2010</u></b>
<u>4<sup>th</sup> Week</u> <u>21.9.10-25.09.10</u>	<u>5</u>	<u>Review and Recapitulation of First Term Question - Paper.</u> <b><u>Lesson-IX</u></b> <b><u>Living Organisms and their Surroundings.</u></b> <u>Habitat and Adaptation</u> <u>-Terrestrial and Aquatic habitat of Animals.</u> <u>Characteristics of Living Beings</u>	<u>Table 9.1</u>
<u>5<sup>th</sup> Week</u> <u>27.09.10-30.09.10</u>	<u>4</u>	<b><u>Lesson IX-</u></b> <b><u>Characteristics of Living Beings.</u></b> <u>Assignment for Autumn Break</u>	<b><u>Exp-11-</u></b> <b><u>To observe germination in seed.</u></b>
<u>October</u> <u>1.10.-10-17.10.10</u>		<u>Autumn Break and Common Wealth Games-</u> <u>01.10.2010- 16.10.2010</u>	
<u>3<sup>rd</sup> Week</u> <u>18.10.-10-23.10.10</u>	<u>5</u>	<b><u>Lesson-X</u></b> <b><u>Motion and Measurement of distances.</u></b> <u>Measuring the length of Plane Line</u>	<b><u>Exp12-</u></b> <b><u>i)To measure the length of a straight line with the help of a measuring scale.</u></b> <b><u>ii)To measure the length of a curved line.</u></b>
<u>4<sup>th</sup> Week</u> <u>25.10.10-30.10.10</u>	<u>6</u>	<b><u>Lesson X</u></b> <u>Type of motion- Rectilinear, Circular and Periodic motion .</u>	<b><u>Activity-</u></b> <b><u>Table 10.1, 10.2 and 10.3</u></b>
<u>Novenber</u> <u>1<sup>st</sup> Week</u> <u>01.11.2010- 06.11.2010</u>	<u>5</u>	<b><u>Lesson – XI</u></b> <b><u>Light, Shadows and Reflection</u></b> <u>-Opaque, Transparent and Translucent objects</u>	<b><u>Exp- 13</u></b> <b><u>To differentiate and classify opaque, transparent and translucent objects.</u></b>

<p><u>2<sup>nd</sup> Week</u> <u>08.11.10 - 12.11.10</u></p>	<p><u>5</u></p>	<p><u>Lesson – XI</u> <u>Formation of Shadows, Path of light rays Reflection of light,</u> <u>Pin- Hole Camera, Periscope</u></p>	<p><u>Activity-</u> <u>To Study a Pin -hole Camera with the help of a Model.</u></p>
<p><u>3<sup>rd</sup> Week</u> <u>15.11.10 – 20.11.10</u></p>	<p><u>5</u></p>	<p><u>Lesson – XII</u> <u>Electricity &amp; circuits</u> <u>-Conductors &amp; insulators</u> <u>-Cell ( Dry)</u> <u>-Electric Circuits</u></p>	<p><u>Exp -14</u> <u>i)To Study &amp; put together a closed &amp; open circuit</u> <u>ii)To identify conductors &amp; insulators with the help of an Electric circuit.</u></p>
<p><u>4<sup>th</sup> Week</u> <u>22.11.10 – 27.11.10</u></p>	<p><u>6</u></p>	<p><u>Lesson – XIII</u> <u>Fun with Magnets</u> <u>-Discovery of Magnets.</u> <u>-Properties of Magnets,</u> <u>-Magnetic &amp; Non – Magnetic Substances</u> <u>Uses of Magnets</u></p>	<p><u>Exp15-</u> <u>To Study the properties of Magnet.</u></p>
<p><u>29.11.10 -30.11.10 December</u> <u>1<sup>st</sup> Week</u> <u>01.12.10-04.12.10</u></p>	<p><u>6</u></p>	<p><u>Revision</u></p>	<p><u>Revision</u></p>
<p><u>2<sup>nd</sup> Week</u> <u>06.12.10 – 10.12.10</u></p>	<p><u>4</u></p>	<p><u>Revision</u></p>	<p><u>Revision</u></p>

10.12.10 SECOND CCEP

(SECOND TERM EXAM – 13.12.10 TO 22.12.10)

<u>23.12.10 – 24.12.10</u>	<u>2</u>	<u>Review and discussion of</u> <u>Second Term Question Paper and Assignment for Winter Break</u>	
<u>27.12.10 – 7.01.11</u>		<u>WINTER BREAK – 27.12.10- 07.01.11</u>	
<u>January</u> <u>2<sup>nd</sup> Week</u> <u>10.01.11 – 15.01.11</u>	<u>6</u>	<u>Lesson – XIV</u> <u>Water</u> <u>Water for life</u> <u>Sources of water</u> <u>Water -cycle</u>	<u>To Study Water Cycle from a chart.</u>
<u>3<sup>rd</sup> Week</u> <u>17.01.11 – 22.01.11</u>	<u>6</u>	<u>Lesson – XIV</u> <u>Water</u> <u>Conservation of water</u> <u>Causes of Droughts and Floods</u> <u>Rain Water Harvesting</u>	<u>Activity-</u> <u>To form groups among the students and prepare rain water harvesting model/ Charts/ Project ( 3-5 pages)</u>
<u>4<sup>th</sup> Week</u> <u>24.01.11 – 29.01.11</u>	<u>5</u>	<u>Lesson- XV</u> <u>Air Around Us</u> <u>-Air is found everywhere</u> <u>-Air a mixture of gases</u>	<u>Activity-</u> <u>Making different type of Air Wheel.</u>

<u>31.01.11, February</u> <u>1<sup>st</sup> Week</u> <u>01.02.11 – 05.02.11</u>	<u>6</u>	<u>Lesson – XV</u> <u>Oxygen supports burning &amp; is necessary for life</u> <u>Balance of Oxygen &amp; Carbon Dioxide in nature</u>	<u>Exp-15 to show that air has oxygen (oxygen supports burning)</u>
<u>2<sup>nd</sup> Week</u> <u>07.02.11 – 11.02.11</u>	<u>5</u>	<u>Lesson – XVI</u> <u>Garbage In , Garbage Out</u> <u>-Dealing with Garbage,</u> <u>- landfills</u> <u>-Concept of three R's-Reduce, Reuse , Recycle</u> <u>Making of compost –Vermi-Composting</u> <u>Plastic- Boon or Curse</u>	<u>Table1.1, 1.2, 1.3</u>
<u>3<sup>rd</sup> Week</u> <u>14.02.11 – 19.02.11</u>	<u>6</u>	<u>Revision</u>	
<u>4<sup>th</sup> Week</u> <u>21.02.11 - 28.02.11</u>		<u>Revision and Final Exam</u>	

Neena Singh (TGT Science) – SNSKV, A- Block, Defence Colony, New Delhi.

Alka Sharma (TGT Science)- SNSKV, A- Block, Defence Colony, New Delhi.