

# SYLLABUS BREAKUP

CLASS 4<sup>th</sup>

SESSION - 2023

Supplementary reading book is also included in the syllabus which will be assessed in Mid and Final Term Examination. Students can access this book from the School knowledge base website.

[www.kb.dpssrinagar.com](http://www.kb.dpssrinagar.com)

## Supplementary Reader

Charlie and the Chocolate Factory by Roald Dahl

Following chapters will be assessed in Term 1.

- ★ Here Comes Charlie
- ★ Mr Willy Wonka's Factory
- ★ Mr Wonka And The Indian Prince
- ★ The Secret Workers

Following chapters will be assessed in Term 2.

- The Golden Tickets
- The First Two Finders
- Charlie's Birthday
- Two More Golden Tickets Found

- **10 mark questions pertaining to supplementary books will be included in Mid Term and Final Term Examination.**
- **In Term 1- the questions based on Supplementary Reader will be Objective Type. In Term 2- the questions based on Supplementary Reader will be Objective Type.**
- **Dictations, Listening and Speaking will be conducted.**

## MARCH

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
Literature Book	0	06

4th Week	<p><b>The Adventures of Pinocchio – Prose</b></p> <p><b>Activity :Childhood Creation - Fantasy World</b></p> <p><b>Sentences</b></p> <p><b>Subject and Predicate</b></p>
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## April

<b>TOPICS / CHAPTERS</b> Reading Comprehension Literature chapter Writing skill Grammar	<b>WEIGHT-AGE</b> 0	<b>TEACHING PERIODS</b> 22
<b>1st WEEK</b>	Types of sentences  Activity : A-Z alphabet activity  The Dentist and the Crocodile – Poem	
<b>2nd WEEK</b>	Noun and kinds  Activity : The Longest List (Nouns)  Practice worksheet on Nouns	
<b>3rd WEEK</b>	Picture Composition - Writing Skill  Activity - Illustrate Pictures  Lazy Jack – Prose  Activity : Change the ending of the story.	
<b>4th Week</b>	Noun – Number  Activity - Noun Poem  Practice worksheet  Reading Comprehension from the workbook	

May

<b>TOPICS / CHAPTERS</b> <b>Literature Poem</b> <b>GrammarWriting Skills</b>	<b>WEIGHT-AGE</b>  <b>0</b>	<b>TEACHING PERIODS</b>  <b>21</b>
<b>1<sup>st</sup> Week</b>	<b>Wind On The Hill - Poem</b> <b>Activity: Acrostic</b> <b>Writing Skill</b> <b>Picture Composition from the workbook</b>	
<b>2<sup>nd</sup> Week</b>	<b>Adjectives</b> <b>Activity: Outdoor Scavenger Hunt</b> <b>Degrees of Comparison</b> <b>Activity Comparative/Superlative Chain Game</b> <b>Practice worksheet of Adjectives and degrees</b>	
<b>3<sup>rd</sup> Week</b>	<b>Pronouns ( Personal and Possessive )</b> <b>Activity -What you see is what you get!</b> <b>Practice worksheet of pronoun</b>	
<b>4<sup>th</sup> Week</b>	<b>The Wise King – Prose</b> <b>Writing skill - Informal Letter Writing</b> <b>Activity 1 : Informal letter Chant</b>	

**June**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
<b>Literature – Chapter Grammar Writing Skill</b>	0	23
<b>1<sup>st</sup> WEEK</b>	<b>Activity 2: Letter Writing Contd..</b>  Articles (Definite and Indefinite ) <b>Activity Pelmanism Game</b>  <b>Practice worksheet of Articles</b>	
<b>2<sup>nd</sup> WEEK</b>	<b>Verbs</b> <b>Activity : Act out</b> <b>Practice worksheet of verb</b>	
<b>3<sup>rd</sup> WEEK</b>	<b>Simple Present and Simple Past</b>  <b>Activity: Discuss Your Routines</b>  <b>Circle Game</b>	
<b>4<sup>th</sup> WEEK</b>	<b>Practice worksheet of tenses( Simple present and past)</b>  <b>Black Beauty – Prose</b>  <b>Activity – Empathy (Speaking Activity)</b>	

**July**

<b>TOPICS / CHAPTERS</b>		<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
<b>Literature – Chapter Grammar Writing Skill</b>		0	15
<b>1<sup>st</sup> WEEK</b>	<b>Reading Comprehension</b>  <b>Practice worksheet of Informal Letter Writing</b>		
<b>4<sup>th</sup> WEEK</b>	<b>Present Continuous</b>  <b>Activity - Present Continuous Memory Game</b>  <b>Practice worksheet of Present continuous</b>		

**August**

<b>TOPICS / CHAPTERS</b>		<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
Grammar		0	10
<b>1<sup>st</sup> WEEK</b>	<b>Revision For Mid Term Examination</b>		
<b>2<sup>nd</sup> WEEK</b>	<b>Revision For Mid Term Examination</b>		
<b>3<sup>rd</sup> WEEK</b>	<b>Mid Term Examination</b>		
<b>4<sup>th</sup> WEEK</b>	<b>Mid Term Examination</b>		

**SEPTEMBER**

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Literature Grammar Writing Skill	0	23
<b>1<sup>st</sup> WEEK</b>	<b>Past continuous tense</b>  <b>Activity-Talk about Memories/ Looking back on what was happening at a specific time?</b>	
<b>2<sup>nd</sup> WEEK</b>	<b>Little by Little Chapter – Poem</b>  <b>Activity - Life Cycle of a Plant</b>	
<b>3<sup>rd</sup> WEEK</b>	<b>Essay Writing</b>  <b>Activity-Sorting strips</b>  <b>Practice worksheet</b>	
<b>4<sup>th</sup> WEEK</b>	<b>Bullseye- Prose</b>  <b>Activity - Share Your Wisdom</b>	

**OCTOBER**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
Literature – Chapter Writing Skill Grammar	0	21
<b>Ist Week</b>	<b>Reading Comprehension</b>  <b>Adverbs</b>  <b>Activity - Team Adverb /Team Adjective Game</b>  <b>Practice worksheet of adverbs</b>	
<b>2nd WEEK</b>	<b>One Day Old – Poem</b>  <b>Activity – Take on a different point of view (One Day Old)</b>  <b>Conjunctions</b>	
<b>3<sup>rd</sup> WEEK</b>	<b>Conjunctions (contd.)</b>  <b>Activity- Rock Scissor Paper</b>  <b>Practice worksheet of Conjunctions</b>	
<b>4th WEEK</b>	<b>Story Writing</b>  <b>Circle-Writing activity</b>  <b>I love you ,Dear Parents – Prose</b>  <b>Activity - Climbing the Ladder</b>  <b>Essay Writing</b>  <b>Practice worksheet of Essay Writing</b>	



**NOVEMBER**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
Literature Chapter Grammar Writing Skill	0	25
<b>1st Week</b>	<b>I love you ,Dear Parents – Prose</b> Activity - Climbing the Ladder <b>Essay Writing</b> <b>Practice worksheet of Essay Writing</b>	
<b>2nd Week</b>	<b>Prepositions</b> Activity : : Spy Lookout	
<b>3rdWeek</b>	<b>Story writing</b> Activity : :Story writing <b>The Days Gone By – Poem</b>	
<b>4th Week</b>	<b>Writing skill</b> <b>Essay Writing</b> <b>Skill focus</b> <b>To develop creative writing skills.</b>	

**MARCH**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
Numbers	0	6
<b>4<sup>th</sup> WEEK</b>	<ul style="list-style-type: none"><li>· Revision of 4-digit numbers</li><li>· Introduction of 5-digit numbers</li><li>· Face- value and place-value</li></ul>	

**April**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
Addition/ Subtraction/Numbers	0	22
<b>Ist WEEK</b>	Comparing numbers Forming numbers Estimation of numbers · Mental Maths	

<b>2<sup>nd</sup></b> / <b>WEEK</b>	Introduction of Addition Properties of Addition Addition of 4-digit numbers Estimating the sums
<b>3<sup>rd</sup> WEEK</b>	Introduction of subtraction Properties of subtraction Addition and Subtraction together Finding the missing digits.
<b>4<sup>th</sup> Week</b>	Checking subtraction by addition Word problems of Subtraction. Estimating the difference

## MAY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Multiplication/ Division	0	22
<b>1<sup>ST</sup> WEEK</b>	·Introduction of Multiplication Properties of multiplication Multiplication of 4-digit numbers by 1-digit numbers	

<b>2nd WEEK</b>	<p>Lattice Multiplication</p> <p>Word Problems of Multiplication</p> <p>Mental Maths of Multiplication</p>
<b>3rd WEEK</b>	<p>Introduction of Division</p> <p>Division as repeated Subtraction</p> <p>Properties of Division</p>
<b>4<sup>TH</sup> WEEK</b>	<p>Division of 3- digit numbers by 1-digit divisors</p> <p>. Division of 4- digit numbers by 1-digit divisors</p> <p>. Division of 2- digit numbers by 2-digit divisors</p>

## June

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>Division/ Time</b>	<b>0</b>	<b>22</b>
<b>1<sup>ST</sup> WEEK</b>	<p>·Division of 3- digit numbers by 2-digit divisors</p> <p>Division of 4- digit numbers by 2-digit divisor</p>	
<b>2<sup>ND</sup> WEEK</b>	<p>Division by 10,100 and 1000</p> <p>Word problems of division</p> <p>Estimating Quotient</p>	

<b>3<sup>RD</sup> WEEK</b>	Multiple operations (DMAS) Mental Maths of division
<b>4<sup>TH</sup> WEEK</b>	Introduction of Time . Time in AM and PM.

## JULY

<b>TOPICS / CHAPTERS</b>		<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
Time		0	12
<b>1<sup>ST</sup> WEEK</b>	Introduction of 24-hour Clock Conversion of one unit of time into Another		
<b>4<sup>th</sup> WEEK</b>	Addition and Subtraction of Time Mental Maths of Time		

**AUGUST**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
Mid Term Examination	0	21
<b>1<sup>ST</sup> WEEK</b>	· Revision For Mid Term	
<b>2<sup>ND</sup> WEEK</b>	Revision For Mid Term	
<b>3<sup>RD</sup> WEEK</b>	Mid Term Examination	
<b>4<sup>TH</sup>WEEK</b>	Mid Term Examination	

**SEPTEMBER**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-A GE</b>	<b>TEACHING PERIODS</b>
Shapes and Space/ Fractions	0	22
<b>1<sup>ST</sup> WEEK</b>	· Introduction of basic shapes Open and closed figures Types of Polygons	

<b>2<sup>ND</sup> WEEK</b>	Parts of a circle  · Measuring a line Segment  · Mental Maths of shapes
<b>3<sup>RD</sup> WEEK</b>	Introduction of Fractions. ·  Fraction on a Number Line.  Types of fractions
<b>4<sup>TH</sup> WEEK</b>	Equivalent Fraction  Comparison of fractions  Addition and Subtraction of Like Fractions Mental Maths

**OCTOBER**

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Factors and Multiples/ Measurements		0	23
<b>1<sup>ST</sup> WEEK</b>	Introduction of Factors Finding Factors Introduction of Multiples.		
<b>2<sup>ND</sup> WEEK</b>	Common Multiples / Common Factors Divisibility Tests. Mental Math		
<b>3<sup>RD</sup> WEEK</b>	Introduction of Measurements Measurement of length Addition and Subtraction of Metric Units of Length.		
<b>4<sup>TH</sup> WEEK</b>	Measures of Mass(weight) Addition and Subtraction of Metric Units of Mass. Measures of Capacity		

**NOVEMBER**

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Metric Measures/Money/Perimeter and Area		0	10
<b>1<sup>ST</sup> WEEK</b>	Conversion of units of capacity Addition and Subtraction of Metric units of Capacity.		
<b>2<sup>ND</sup> WEEK</b>	·Introduction of Perimeter and Area		



<b>3<sup>RD</sup> WEEK</b>	<ul style="list-style-type: none"> <li>· Mental Maths of Perimeter and area</li> <li>· Introduction of Money</li> </ul> <p>Fundamental Operations on Amounts of Money.</p>
<b>4<sup>TH</sup> WEEK</b>	<ul style="list-style-type: none"> <li>· Bill of Purchase</li> </ul> <p>Mental Maths of Money</p>

**4th**

**SCIENCE**

**MARCH**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
Food and digestion	0	6
<b>4th WEEK</b>	<p>Introduction to Food.</p> <p>Sources and components of food.</p> <p>Iodine test (Activity to detect carbohydrates and fat in the food)</p> <p>Balanced diet.</p> <p>Digestion of food</p>	

**APRIL**

	<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
<b>1st WEEK</b>	Food and digestion Teeth and Microbes Safety and First Aid	<b>0</b>	<b>24</b>
	Digestive system (Digestive organs)  Raw food and cooked food  Food preservation  Tips for healthy digestion  Book exercise		
<b>2nd WEEK</b>	Concept of teeth  Types of teeth( temporary and permanent)  Four kinds of teeth  Structure of a healthy tooth		
<b>3rd WEEK</b>	Tooth decay.  Activity1:Mould and make ( Children will make the model of different types of teeth using flour dough.)  Oral hygiene.  Kinds of microbes.  Activity 2:Think before you drink(What happens to teeth if exposed to different drinks on regular basis will be explained using different drinks like: juice, water, milk and soda and egg shell.)		

<b>4th WEEK</b>	Book exercise Concept of safety Safety at home Safety at road Safety in school
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**MAY**

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Safety and First aid		23
Clothes We Wear	0	
Solids,Liquids and Gases		
<b>1<sup>st</sup> WEEK</b>	Giving first aid ( minor cuts, burns ,insect bites) Book work Textual Questions Clothes Introduction( concept and need to wear clothes) Clothes and seasons	

<p><b>2<sup>nd</sup> WEEK</b></p>	<p>Clothes are made from fiber ( Natural and synthetic fiber)</p> <p>Clothes in different regions</p> <p>Clothes for work Care for clothes.</p> <p>Book exercise</p>
<p><b>3<sup>rd</sup> WEEK</b></p>	<p>Worksheet</p> <p>Activity :Unity in diversity ( making of collage of traditional dress/ clothes of India).</p> <p>Concept of matter</p> <p>Concept of mass and volume</p>
<p><b>4<sup>th</sup> WEEK</b></p>	<p>Three states of matter</p> <p>properties of solid ,liquid gases</p> <p>Interchangeability of states of matter</p> <p>Concept of solution (solute and solvent)</p>

**JUNE**

<p><b>TOPICS / CHAPTERS</b></p>	<p><b>WEIGHT-AGE</b></p>	<p><b>TEACHING PERIODS</b></p>
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<p>5. Solids ,Liquids and Gases</p> <p>6. How plants make and store food</p>	<p>0</p>	<p>23</p>
<p><b>1<sup>st</sup> WEEK</b></p>	<p>Book exercise</p> <p>Worksheet</p> <p>Activity : Molecular Arrangement in solids, liquids and gases.</p> <p>Plants as living things.</p> <p>Root system and Shoot system</p> <p>Types and functions of roots.</p>	
<p><b>2<sup>ND</sup> WEEK</b></p>	<p>Leaf and its parts</p> <p>Photosynthesis</p>	
<p><b>3<sup>RD</sup> WEEK</b></p>	<p>How do plants use their food</p> <p>Some unusual plants</p> <p>Flow of energy</p> <p>Interdependence of plants and animals</p> <p>Balance in nature.</p>	

<b>4<sup>TH</sup> WEEK</b>	<p>Book exercise</p> <p>Worksheet</p> <p>Activity: Making of environment free play cards or posters</p> <p>Classification of plants on the basis of habitat(aquatic and terrestrial plants)</p> <p>Aquatic plants:- floating plants , fixed plants, underground plants</p>
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## JULY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
7. How do plants survive	0	15
<b>1<sup>ST</sup> WEEK</b>	<p>Terrestrial plants:- plants on mountains and hills</p> <p>Plants in plains and deserts</p> <p>Plants in marshy areas and grass family</p> <p>Insectivorous plants</p>	
<b>4<sup>th</sup> WEEK</b>	<p>Book exercise</p> <p>Worksheet</p> <p>Activity :Collection of pictures and information of plants growing in different regions</p>	

**AUGUST**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
REVISION	0	10
<b>1<sup>ST</sup> WEEK</b>	Revision for T1	
<b>2<sup>ND</sup> WEEK</b>	Revision for T1	
<b>3<sup>RD</sup> WEEK</b>	Term 1 Examination	
<b>4<sup>TH</sup> WEEK</b>	Term 1 Examination	

**SEPTEMBER**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
8. Animals and their young ones 9. How do animals survive	0	19
<b>1st WEEK</b>	Concept of reproduction Ways of reproduction ( oviparous and viviparous ) Structure of an egg Activity : look inside the egg.	
<b>2nd WEEK</b>	Life cycle of birds, frog , Life cycle of butterfly and cockroach. Other animals that lay eggs	

<b>3rd WEEK</b>	Parental care in animals Book exercise Worksheet Activity : Best out of waste ( making of models of life cycle of frog, butterfly,cockroach)
<b>4th WEEK</b>	Concept of habitat Classification of animals on the basis of habitat Concept of adaptation Adaptation for protection

## OCTOBER

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
9. How do animals survive (continued) 10. Force ,work and energy 11.The Earth and its Neighbors	0	23
<b>1<sup>st</sup> WEEK</b>	Adaptation on the basis of food Activity :- Report writing (find out about tiger project. Find out its aim and outcome). Bookwork worksheet	



<b>2<sup>ND</sup> WEEK</b>	Types of force Concept of work Machines : simple and complex Types of simple machine
<b>3<sup>RD</sup> WEEK</b>	Concept of energy Sources of energy and Forms of energy Book work
<b>4<sup>TH</sup> WEEK</b>	Worksheet Activity : making candy shooter Concept of stars, planets.

## NOVEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
11 The Earth and its neighbours 12 Air water and weather 13 Our Green world	0	24
<b>1<sup>st</sup> WEEK</b>	The Earth and its neighbours ( Subject Enrichment) Concept of weather The role of the sun in changing the weather Air currents - sea breeze and land breeze	

<b>2<sup>ND</sup> WEEK</b>	<p>Concept of evaporation and condensation</p> <p>Concept of dew, frost, fog, hail ,snow</p> <p>Impurities in water</p> <p>Sedimentation, decantation and Filtration</p> <p>Some other methods of water purification</p>
<b>3<sup>RD</sup> WEEK</b>	<p>Concept of underground water</p> <p>Book exercise</p> <p>Worksheet</p> <p>Activity : Making of your own water filter</p>
<b>4<sup>TH</sup> WEEK</b>	<p>Concept of environment and its importance</p> <p>Concept of pollution ( Air pollution)</p> <p>Water pollution and land pollution(causes ,effects and prevention)</p> <p>Biodegradable and non- biodegradable waste</p> <p>Concept of 3R's</p> <p>Book exercise</p>



MARCH

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
1. Looking at Our World	0	6

<b>4th Week</b>	<ul style="list-style-type: none"> <li>● <b>INTRODUCTION TO THE SUBJECT : SOCIAL STUDIES</b></li> <li>● Introduction of Globes and Maps</li> <li>● Colors,symbols and directions on a Map</li> <li>● Book exercise</li> <li>● CAL Lab.</li> <li>● Activity.</li> </ul>
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**APRIL**

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
2.Incredible India  3.Northern Mountains  4. People who touched our lives.	0	24
<b>1ST WEEK</b>	<ul style="list-style-type: none"> <li>● Location and size of India.</li> <li>● Physical Divisions and Political divisions of India.</li> <li>● Activity.</li> <li>● Book exercise.</li> </ul>	
<b>2ND WEEK</b>	Himalayas (Greater, Middle and Shiwaliks) <ul style="list-style-type: none"> <li>● Importance of Himalayas</li> <li>● Lifestyle and culture of the people living in Himalayan states of India</li> <li>● Book exercises</li> </ul>	

	<ul style="list-style-type: none"> <li>● CAL lab.</li> </ul>
<b>3RD WEEK</b>	<p>Major religions of India.</p> <ul style="list-style-type: none"> <li>● Sikhism, Jainism, Zoroastrianism, christianity, Islam, Hinduism</li> <li>● Social Reformers and Scientists of India</li> <li>● Kabir, Raja Ram Mohan Roy, Sir Syed Ahmad Khan, Aryabhatta, Varahamihara etc.</li> </ul>
<b>4TH WEEK</b>	<ul style="list-style-type: none"> <li>● Book exercises</li> <li>● CAL lab</li> <li>● Activity</li> </ul>

MAY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<p><b>5. The western Desert</b></p> <p><b>6. The Southern Plateaus</b></p> <p><b>7. National Symbols</b></p>	0	23
<b>1ST WEEK</b>	<ul style="list-style-type: none"> <li>● Concept of deserts -Hot and Cold</li> <li>● Location of the Great Indian Desert</li> <li>● Climate and Vegetation in the Great Indian Desert</li> </ul>	
<b>2ND WEEK</b>	<ul style="list-style-type: none"> <li>● Culture and lifestyle of the people living in the Western Desert</li> <li>● Book exercises</li> </ul>	

	<ul style="list-style-type: none"> <li>● Activity</li> </ul>
<b>3RD WEEK</b>	<ul style="list-style-type: none"> <li>● Basic introduction about the Southern Plateaus of India</li> <li>● Division of the Southern Plateaus of India</li> <li>● Rivers of the Southern Plateaus</li> <li>● Culture and lifestyle of the people living in the states of Southern Plateau of India</li> <li>● Book Exercise</li> </ul>
<b>4TH WEEK</b>	<ul style="list-style-type: none"> <li>● Our National symbols</li> <li>● Our National Flag,National Animal,Anthem,Bird,Flower and Emblem</li> <li>● Book exercise.</li> <li>● Activity.</li> </ul>

JUNE

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>8. Soil resources</b>  <b>9.Local self government</b>	0	23
<b>1ST WEEK</b>	<ul style="list-style-type: none"> <li>● Introduction to Resources</li> <li>● Importance and formation of soil resource</li> </ul>	
<b>2ND WEEK</b>	<ul style="list-style-type: none"> <li>● Soil Erosion</li> <li>● Types of soils</li> <li>● Book exercises</li> <li>● CAL lab</li> </ul>	

<b>3RD WEEK</b>	<ul style="list-style-type: none"> <li>● Local self government.</li> <li>● Introduction to government and their level.</li> <li>● Concept of local self government:-Gram Panchayat And Municipality.</li> </ul>
<b>4TH WEEK</b>	<ul style="list-style-type: none"> <li>● Revision</li> <li>● Activity</li> <li>● Book exercise.</li> </ul>

JULY

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
<b>10. Northern plains of India.</b>	0	15
<b>1ST WEEK</b>	<ul style="list-style-type: none"> <li>● River basins of india :-Ganga ,Brahmaputra and Satluj Basin</li> <li>● Life in the Northern plains.</li> <li>● Northern states of india:-Punjab,Haryana,Delhi,Uttar pradesh,Bihar,west Bengal,Assam and Tripura</li> </ul>	
<b>4th WEEK</b>	<ul style="list-style-type: none"> <li>● Book exercise</li> <li>● Activity.</li> </ul>	

AUGUST

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
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REVISION	0	11
<b>1st WEEK</b>	<ul style="list-style-type: none"> <li>● <b>Revision for T-1</b></li> <li>● Revision</li> </ul>	
<b>2ND WEEK</b>	<ul style="list-style-type: none"> <li>● <b>Revision</b></li> </ul>	
<b>3RD WEEK</b>	<ul style="list-style-type: none"> <li>● <b>Term 1 Examination</b></li> </ul>	
<b>4TH WEEK</b>	<ul style="list-style-type: none"> <li>● <b>Term 1 Examination</b></li> </ul>	

SEPTEMBER

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
<b>11. Means of Communication</b>  <b>12. Climate of india.</b>  <b>13. Means of Transport</b>  <b>14 Our Natural Resources</b>	0	19

<p><b>1<sup>st</sup>WEEK</b></p>	<ul style="list-style-type: none"> <li>● What is communication?</li> <li>● Means of communication -postal ,phones, fax,radio</li> <li>● Book exercise</li> <li>● activity.</li> </ul>
<p><b>2<sup>ND</sup>WEEK</b></p>	<ul style="list-style-type: none"> <li>● Difference between Climate and Weather</li> <li>● Seasons- Winter, Summer ,Monsoon</li> <li>● Book exercises</li> </ul>
<p><b>3<sup>RD</sup>WEEK</b></p>	<ul style="list-style-type: none"> <li>● Development in the means of transport</li> <li>● Railways ,metalled roads and Unmetalled roads ,Water ways ,roadways,Airways &amp; Sea ports</li> <li>● Book exercise and Activity.</li> </ul>
<p><b>4<sup>TH</sup>WEEK</b></p>	<ul style="list-style-type: none"> <li>● Concept of resources</li> <li>● Renewable and Non Renewable</li> <li>● Book exercises</li> <li>● Activity</li> </ul>

OCTOBER

TOPICS / CHAPTERS	WEIGHT-A GE	TEACHING PERIODS
<p>15..Human resources</p> <p>16..Our rich heritage</p> <p>17. Our water resources.</p>	0	23
1st WEEK	<ul style="list-style-type: none"> <li>● Concept ,Need and Importance of Human resources</li> <li>● Problems in the development of human resources</li> <li>● Solution of problems in the development of human resources</li> </ul>	
2ND WEEK	<ul style="list-style-type: none"> <li>● Book Exercise</li> <li>● CAL lab</li> <li>● Activity</li> </ul>	
3RD WEEK	<ul style="list-style-type: none"> <li>● Culture of India</li> <li>● Language of India</li> <li>● Festivals</li> <li>● Dance and music</li> <li>● Indian art and architecture</li> </ul>	
4TH WEEK	<ul style="list-style-type: none"> <li>● Uses of water</li> <li>● Sources of water</li> <li>● Conservation of water</li> </ul>	

	<ul style="list-style-type: none"> <li>● Rain water harvesting</li> </ul>
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NOVEMBER

	<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
	<b>18.Our Mineral resources</b>  <b>19.Our Forest resources and Wildlife resources</b>	0	24
<b>1ST WEEK</b>	<ul style="list-style-type: none"> <li>● Concept of mineral resource</li> <li>● Types of minerals and conservation of mineral resources</li> <li>● Book exercise</li> <li>● Activity</li> </ul>		
<b>2ND WEEK</b>	<ul style="list-style-type: none"> <li>● Importance of forest resources and wildlife resources</li> <li>● Types of forests- evergreen , Deciduous, Thorn, Mountain, Tidal</li> <li>● Conservation of forests and wildlife</li> <li>● Book Exercises</li> <li>● Activity</li> </ul>		
<b>3RD WEEK</b>	<ul style="list-style-type: none"> <li>● Revision</li> </ul>		
<b>4th WEEK</b>	<ul style="list-style-type: none"> <li>● Final Term examination</li> </ul>		

4th

URDU

MARCH

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
1- نظم کا تعارف 2- نظم - آرزو	0	06
4 <sup>TH</sup> WEEK	1- نظم کا تعارف 2- نظم- آرزو	

## APRIL

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
1- نظم- آرزو 2- راجوری سے ایک خط 3- اُردو گنتی ایک سے پندرہ تک 4- کلمہ کی قسمیں (اسم اور فعل) 5- جنس کے لحاظ سے اسم کی قسمیں (مذکر اور مونث)	0	24
1st WEEK		نظم- آرزو
2nd WEEK		سبق- راجوری سے ایک خط
3rd WEEK		1- سبق- راجوری سے ایک خط 2- اُردو گنتی ایک سے پندرہ تک.
4 <sup>TH</sup> WEEK		1- کلمہ کی قسمیں (اسم اور فعل)

2- جنس کے لحاظ سے اسم کی قسمیں (مذکر اور مونث)

## MAY

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
1- سبق- پن کوڈ 2- گنتی کے لحاظ سے اسم کی قسمیں (واحد اور جمع 3- سبق- موبائل فون	0	24
1st WEEK		1- سبق- پن کوڈ
2nd WEEK		1- سبق- پن کوڈ 2- گنتی کے لحاظ سے اسم کی قسمیں (واحد اور جمع)
3rd WEEK		1- سبق- موبائل فون
4th WEEK		1- سبق- موبائل فون

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## JUNE

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
1- نظم۔ دلی اب کچھ دور نہیں ہے 2- اُردو گنتی پندرہ سے پچیس تک 3- حرف اور صفت کی وضاحت 4- متضاد الفاظ	0	24
1st WEEK		1- نظم۔ دلی اب کچھ دور نہیں ہے
2nd WEEK		1- نظم۔ دلی اب کچھ دور نہیں ہے
3rd WEEK		1- اُردو گنتی پندرہ سے پچیس تک 2- حرف کی وضاحت
4th WEEK		1- صفت کی وضاحت 2- متضاد الفاظ



## JULY

TOPICS / CHAPTERS		WEIGHT- AGE	TEACHING PERIODS
1- دیدہ عبارت 2- اقتباس 3- نادیدہ عبارت 4- گرمائی تعطیلات		0	12
1ST WEEK	1- دیدہ عبارت 2- اقتباس		
4th WEEK	1- اقتباس 2- نادیدہ عبارت		

## AUGUST

Topics/chapters		WEIGHT- AGE	TEACHING PERIODS
1- پہلی میقات کا اعادہ 2- پہلی میقات کا امتحان		0	12
1ST WEEK	پہلی میقات کا اعادہ		
2ND WEEK	پہلی میقات کا اعادہ		

3RD WEEK	پہلی میقات کا امتحان
4TH WEEK	پہلی میقات کا امتحان۔

## SEPTEMBER

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
1- سبق۔ کشمیر میں پہلی ریل گاڑی 2- ضمیر کی وضاحت اور مشقیں 3- نظم۔ ہمدردی 4۔ الفاظ مترادفات	0	24
1st WEEK		1- سبق۔ کشمیر میں پہلی ریل گاڑی
2nd WEEK		1- سبق۔ کشمیر میں پہلی ریل گاڑی
3rd WEEK		1۔ ضمیر کی وضاحت اور مشقیں 2۔ نظم۔ ہمدردی
4th WEEK		1۔ نظم۔ ہمدردی 2۔ الفاظ مترادفات

## OCTOBER

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
1. سبق- کھیل 2. اردو گنتی پچیس سے تیس تک 3. غلط درست جملے 4. سبق- ابوالکلام آزاد	0	24
1st Week		1. سبق- کھیل
2nd Week		1- سبق- کھیل 2- اردو گنتی پچیس سے تیس تک ( لفظی اور اعدادی)
3rd Week		1- غلط درست جملے 2- سبق- ابوالکلام آزاد
4th Week		1- سبق- ابوالکلام آزاد

## NOVEMBER

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
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<p>1- نظم۔ میں تمہاری کتاب ہوں۔</p> <p>2- متعلق فعل</p> <p>3 - معنوں کے لحاظ سے اسم کی قسمیں۔ (معرفہ اور نکرہ)</p> <p>4 - دیدہ عبارت</p> <p>5- نادیدہ عبارت</p> <p>6- تصویر پر مبنی مضمون۔</p> <p>7- اُردو گنتی تیس سے چالیس تک</p>		<p>24</p>
<p>1st WEEK</p>	<p>1- . - نظم۔ میں تمہاری کتاب ہوں۔</p>	
<p>2nd WEEK</p>	<p>1- . - نظم۔ میں تمہاری کتاب ہوں۔</p> <p>2- متعلق فعل</p> <p>3- اُردو گنتی تیس سے چالیس تک</p>	
<p>3rd WEEK</p>	<p>1- معنوں کے لحاظ سے اسم کی قسمیں۔ (معرفہ اور نکرہ)</p> <p>2- دیدہ عبارت</p>	
<p>4th WEEK</p>	<p>1- نادیدہ عبارت</p> <p>2- تصویر پر مبنی مضمون</p>	

4th

**HINDI**

MARCH

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
		5
कविता -देश हमारा (पठन -कार्य )		
4 <sup>RD</sup> WEEK	कविता -देश हमारा (पठन -कार्य )	

APRIL

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
पाठ-देश हमारा (कविता) पाठ-बीरबल की सूझ-बूझ व्याकरण- संज्ञा तथा उसके भेद		20
1 <sup>ST</sup> WEEK	पाठ-देश हमारा (कविता)	
2 <sup>ND</sup> WEEK	पाठ-बीरबल की सूझ-बूझ	
3 <sup>RD</sup> WEEK	संज्ञा तथा उसके भेद	
4 <sup>RD</sup> WEEK	वर्तनी परीक्षा (spelling test)	

## MAY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
पाठ- सबसे खुश कौन पाठ –जादुई घडा पाठ- वर्ष गीत व्याकरण- सर्वनाम तथा उसके भेद	0	24
1 <sup>ST</sup> WEEK	पाठ –सबसे खुश कौन	
2 <sup>ND</sup> WEEK	पाठ –जादुई घडा	
3 <sup>RD</sup> WEEK	पाठ –वर्ष गीत	
4 <sup>TH</sup> WEEK	सर्वनाम तथा उसके भेद	

## JUNE

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
पाठ- आग की खोज पाठ- मैं हूँ तगडा थानेदार पाठ- हमारी जिम्मेदारी व्याकरण- पत्र लेखन (औपचारिक तथा अनौपचारिक)	0	21
1 <sup>ST</sup> WEEK	पाठ – आग की खोज	
2 <sup>ND</sup> WEEK	पाठ – मैं हूँ तगडा थानेदार	
3 <sup>RD</sup> WEEK	पाठ – हमारी जिम्मेदारी	

4 <sup>TH</sup> WEEK	पत्र-लेखन
5 <sup>TH</sup> WEEK	पत्र-लेखन

JULY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
पाठ-लालची बंदर मुहावरे	0	8
1 <sup>ST</sup> WEEK	लालची बंदर	
4 <sup>th</sup> WEEK	मुहावरे	

AUGUST

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Revision for Mid Term	0	10
1 <sup>st</sup> WEEK	Revision of Mid Term	
2 <sup>ND</sup> WEEK	Revision of Mid Term	
3 <sup>RD</sup> WEEK	Revision of Mid Term	

4 <sup>TH</sup> WEEK	Revision of Mid Term	
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SEPTEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
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पाठ -आँखों की देखभाल पाठ-टिलटिल का साहस पाठ- अपनी कमाई पाठ- कर्नाटक की सैर (केवल पढ़ने के लिए) क्रिया तथा उसके भेद	0	21
1 <sup>ST</sup> WEEK	पाठ-आँखों की देखभाल	
2 <sup>ND</sup> WEEK	पाठ-टिलटिल का साहस	
3 <sup>RD</sup> WEEK	पाठ- अपनी कमाई	
4 <sup>TH</sup> WEEK	क्रिया तथा भेद	



## OCTOBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
पाठ- भागो-दौड़ों,नाचो-गाओ (कविता ) पाठ- सीखो शिष्टाचार पाठ-आजादी की मिठाई	0	20
1 <sup>ST</sup> WEEK	पाठ- भागो-दौड़ों,नाचो-गाओ (कविता )	
2 <sup>ND</sup> WEEK	पाठ- सीखो शिष्टाचार	
3 <sup>RD</sup> WEEK	पाठ-आजादी की मिठाई	
4 <sup>TH</sup> WEEK	वर्तनी परीक्षा (spelling test )	

## NOVEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
पाठ- हम भी पढ़ेंगे (केवल पढ़ने के लिए ) पाठ- कुछ कर दिखलाना (कविता ) व्याकरण-अनुच्छेद लेखन	0	23
1 <sup>ST</sup> WEEK	पाठ- हम भी पढ़ेंगे (केवल पढ़ने के लिए )	
2 <sup>ND</sup> WEEK	पाठ- हम भी पढ़ेंगे (केवल पढ़ने के लिए )	
3 <sup>RD</sup> WEEK	पाठ -कुछ कर दिखलाना (कविता )	
4 <sup>TH</sup> WEEK	पाठ -कुछ कर दिखलाना (कविता )	
5 <sup>TH</sup> WEEK	व्याकरण-अनुच्छेद लेखन	

4th

**KASHMIRI**

**March**

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
1. Sound No. 1,2			04
<b>4<sup>TH</sup> WEEK</b>	Sound No. 1 and 2( Explanation, words and sentences)		

**April**

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
1. Sound No. 3,4 2. Lafz te Jumle ( Word and Sentence) 3. Breaking of words and Joining of letters 4. Activity		0	16
<b>1<sup>ST</sup> WEEK</b>	Sound No. 3 and 4 ( Explanation, words and sentences)		
<b>2<sup>ND</sup> WEEK</b>	Breaking of words Joining of letters		

<b>3<sup>RD</sup> WEEK</b>	Lafz te Jumle ( Words and Sentences); Explanation, definition and examples
<b>4<sup>TH</sup> WEEK</b>	Revision of sounds Activity

### May

	<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
	1. Sound No. 5 and 6 2. Lesson No. 2 (دُعَا) 3. Noun 4. Activity	0	16
<b>1<sup>ST</sup> WEEK</b>	Sound No. 5 & 6 ( Explanation, words and sentences)		
<b>2<sup>ND</sup> WEEK</b>	Lesson No. 2 (دُعَا) Reading, explanation, book exercise and question answers		
<b>3<sup>RD</sup> WEEK</b>	Noun ( Explanation, definition and examples) Class test of Lesson (دُعَا)		
<b>4<sup>TH</sup> WEEK</b>	Revision of Sounds Activity		

## June

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
1. Proper Noun and Common noun 2. Sound No. 7 and 8 3. Lesson No. 2 (جامع مسجد) for subject enrichment 4. Activity		0	16
<b>1<sup>ST</sup> WEEK</b>	Proper Noun and Common Noun (خاص نأوت تم عام نأوت); Explanation, definitions and examples		
<b>2<sup>ND</sup> WEEK</b>	Sound No. 7 and 8 ( explanation, words and sentences )		
<b>3<sup>RD</sup> WEEK</b>	Lesson No. 2 (جامع مسجد) reading and explanation Subject enrichment to be taken		
<b>4<sup>TH</sup> WEEK</b>	Class test Activity		

## July

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
1. Lesson No. 5 (كأو) 2. Sound No. 9 and 10		0	16
<b>1<sup>ST</sup> WEEK</b>	Lesson No. 5 (كأو); Reading, explanation, individual reading and book exercise		
<b>4<sup>TH</sup> WEEK</b>	Sound No. 9 and 10 ( explanation, words and sentences )		

## August

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Revision Mid Term Examination		0	16
<b>1<sup>ST</sup> WEEK</b>	Revision		
<b>2<sup>ND</sup> WEEK</b>	Revision		
<b>3<sup>RD</sup> WEEK</b>	Mid Term Examination		
<b>4<sup>TH</sup> WEEK</b>	Mid Term Examination		

## September

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
1. Lesson No. 6 ( سون اوند پوکھ ) 2. Singular/Plural ( وأحد جمع ) 3. Sound No. 11 and 12 4. Masculine/Feminine ( نر ماڊ ) 5. Activity		0	16
<b>1<sup>ST</sup> WEEK</b>	Lesson No. 6 ( سون اوند پوکھ ) Explanation, reading, individual reading, bookwork and exercise		

<b>2<sup>ND</sup> WEEK</b>	Singular/Plural ( وأحد جمع ) Explanation, definition and examples Sound No. 11 and 12 ( explanation, words and sentences )
<b>3<sup>RD</sup> WEEK</b>	Masculine/Feminine ( نر ماد ) Explanation, definition and examples Activity
<b>4<sup>TH</sup> WEEK</b>	Revision of sounds and lessons

## October

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
1. Lesson No. 11 (شُرَى بَاتِه) 2. Sound No, 13 and 14 3. Birds and Animals 4. Lesson No. 12 (كأشُر وازوان) for subject enrichment 5. Activity	0	16
<b>1<sup>st</sup> WEEK</b>	Lesson No. 11 (شُرَى بَاتِه) Explanation, reading, individual reading, bookwork and exercise	
<b>2<sup>ND</sup> WEEK</b>	Sound No. 13 and 14 ( explanation, words and sentences )	
<b>3<sup>RD</sup> WEEK</b>	Birds and Animals Revision of Lesson and Sounds Lesson No. 12 (كأشُر وازوان) for subject enrichment	
<b>4<sup>TH</sup> WEEK</b>	Class test Activity	

## November

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
1. Lesson No. 13 ( علم پَر گَوِیرا ) 2. Verb ( کزَاوُت ), Adjective ( باوُت ) 3. Sound No. 15 and 16 4. Activity	0	16
<b>1<sup>ST</sup> WEEK</b>	Lesson No. 13 ( علم پَر گَوِیرا ) Explanation, reading, bookwork, individual reading and exercise	
<b>2<sup>ND</sup> WEEK</b>	Verb ( کزَاوُت ), Adjective ( باوُت ) Explanation, definition and examples	
<b>3<sup>RD</sup> WEEK</b>	Sound No. 15 and 16 Explanation, words and sentences	
<b>4<sup>TH</sup> WEEK</b>	Sound No. 17and 18 Explanation, words and sentences	

**4th**

**INFORMATION TECHNOLOGY**

**MARCH**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
		03
<b>4<sup>th</sup> Week</b>	Review of PowerPoint, Creating a presentation, Applying backgrounds and Font, Inserting slides and pictures.	

**APRIL**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
<b>ANIMATING YOUR SLIDES</b>	0	12
<b>1<sup>st</sup> Week</b>	Introduction, Adding animations, Animating an object, Effect option,	
<b>2<sup>nd</sup> Week</b>	Adding multiple animations, Reordering the animation, Previewing animation, Adding transitions, Applying transitions to all slides.	
<b>3<sup>rd</sup> Week</b>	Adding sound to a transition, Setting the speed of a transition, Viewing the slide show. Book Exercise,	
<b>4<sup>th</sup> Week</b>	Introduction to CPU, CPU Location Book Exercise	



**MAY**

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
CENTRAL PROCESSING UNIT  ADVANCED FEATURES IN MICROSOFT POWERPOINT		0	12
<b>1<sup>st</sup> week</b>	Functional units of CPU (CU, ALU, MMU)		
<b>2<sup>nd</sup> Week</b>	Main Memory, Types of Main Memory (RAM & ROM), CPU speed, CPU cores ,Book Exercise,		
<b>3<sup>rd</sup> Week</b>	Inserting audio and movie clips in powerpoint,Playback tab, Adding SmartArt graphics ,		
<b>4<sup>th</sup> Week</b>	Organizing/ Rearranging slides in slide sorter view, Shortcut keys related to PowerPoint , Printing a presentation,Converting a powerpoint presentation to a movie and pictures		

**JUNE**

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
COMPUTER MEMORY/ MAGIC WITH SCRATCH		0	12
<b>1<sup>st</sup> Week</b>	Converting a powerpoint presentation to a movie and pictures.		
<b>2<sup>nd</sup> Week</b>	What is memory, Measuring the memory of the computer, Types of memory, Types of Primary memory (RAM & ROM)		

<b>3rd Week</b>	Hard disk, CD/DVD, SSD, Pendrive, External hard drive, Memory Card , Book Exercise,
<b>4th Week</b>	Introduction to programming and Scratch, Downloading and installing Scratch, Screen components of Scratch (sprite, stage, script area, Full screen mode button, Menu bar, New sprite, Blocks palette)

## JULY

	<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
	<b>MAGIC WITH SCRATCH</b>	0	6
<b>1st Week</b>	Screen components of Scratch (Green flag, stop button, Sprite list, Spritche Toolbar, Project name, Backdrop button), Creating and saving a new project, Opening a project, Motion block menu (Move, Turn)		
<b>4th Week</b>	Practical Examination of Mid Term		

## AUGUST

	<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
	<b>Revision</b>	0	3
<b>1<sup>st</sup> WEEK</b>	Practical Examination of Mid Term		
<b>2<sup>nd</sup> WEEK</b>	Revision of Mid Term		
<b>3<sup>rd</sup> WEEK</b>	Mid Term Examination		
<b>4<sup>th</sup> WEEK</b>	Mid Term Examination		

## SEPTEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>MAGIC WITH SCRATCH/ INTRODUCTION TO MS EXCEL</b>	0	12
<b>1<sup>st</sup> WEEK</b>	Motion block menu (turn, if on edge, glide), Looks block menu (Say, Say for secs, think, think for secs, Change color effect, hide, show, change size)	
<b>2<sup>nd</sup> WEEK</b>	Events block menu, Control block menu (Forever, repeat, wait), Book exercise,	
<b>3<sup>rd</sup> Week</b>	Introduction to Excel, Spreadsheet, Worksheet, Workbook, Cell, Active cell, Components of Excel Window,	
<b>4<sup>th</sup> Week</b>	Formula Bar, Range of cells, Renaming and deleting a worksheet, Saving a workbook, Closing and exiting Excel, Creating and opening workbook, Selecting single and multiple cells	

## OCTOBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>INTRODUCTION TO MICROSOFT EXCEL/ ROBOTICS</b>	0	12
<b>1<sup>st</sup> Week</b>	Copying and moving range of cells, Entering data into cells, Types of data, Editing data, Selecting single/multiple rows/columns	
<b>2<sup>nd</sup> Week</b>	Selecting the entire worksheet, Deleting contents in a cell. Inserting rows/columns, Deleting rows/columns, Resizing rows/columns, Aligning text in cells	
<b>3<sup>rd</sup> Week</b>	Formatting a worksheet, Changing cell alignment, Cell Border, Using table style., Book Exercise,	
<b>4<sup>th</sup> Week</b>	Introduction to Robotics, Robotics, Importance of Robotics, Who creates robots? Where are robots located?, Basic components of a robot, Robots in Research	

**NOVEMBER**

<b>TOPICS / CHAPTERS</b>	<b>WEIGHT-AGE</b>	<b>TEACHING PERIODS</b>
<b>ROBOTICS/ INTRODUCTION TO ARTIFICIAL INTELLIGENCE</b>	0	12
<b>1<sup>st</sup> Week</b>	Types of robots, nano robot, Sophia.	
<b>2<sup>nd</sup> Week</b>	Introduction to AI, What is Intelligence, Definitions of AI, Turing test, Neural network. Goals and examples of AI, Applications of AI, Types of AI	
<b>3<sup>rd</sup> Week</b>	Revision	
<b>4<sup>th</sup> Week</b>	Revision	