

**SYLLABUS BREAKUP**  
**CLASS 5<sup>th</sup>**  
**SESSION – 2023**

## ENGLISH

The supplementary reader book have been added in the syllabus which will be assessed in Mid and Final Term Examination. Students can access these books from the School knowledge based web. site. [www.kb.dpssrinagar.com](http://www.kb.dpssrinagar.com)

### Supplementary Reader

1. **Treasure Island (Robert Louis Stevenson)**
  - ❖ Dictations will be conducted from the chapters.
  - ❖ First 4 chapters of supplementary reader will be assessed in Term 1 and last 3 chapters will be assessed in Final term examination.
  - ❖ 5 mark question pertaining to supplementary book will be included in Term I and Final Term Examination.

## MARCH

TOPICS / CHAPTERS		TEACHING PERIODS
<ul style="list-style-type: none"> <li>Falcons Can Fly</li> </ul>		8
4 <sup>TH</sup> WEEK	Falcons Can Fly	
5 <sup>TH</sup> WEEK	Falcons Can Fly	

## APRIL

TOPICS / CHAPTERS		TEACHING PERIODS
<ul style="list-style-type: none"> <li>Weed or bloom? (poem)</li> <li>A hole in the Pan (Reading Comprehension)</li> <li>The Quarrel (Listening Comprehension)</li> </ul> <b>Supplementary Reader</b> Treasure Island <b>Writing skill/ Grammar</b> <ul style="list-style-type: none"> <li>Parts of Speech</li> <li>Verb Forms</li> <li>Tenses ( Simple Present Form)</li> </ul> Essay writing <b>Dictation Test</b>		20
1 <sup>ST</sup> WEEK	Weed or Bloom?(poem)	
2 <sup>ND</sup> WEEK	Verb Forms Tenses (Present Form)	
3 <sup>RD</sup> WEEK	<b>A hole in the Pan (Reading Comprehension)</b> Robinson Crusoe (Discussion)	
4 <sup>TH</sup> WEEK	The Quarrel (Listening Comprehension)	
5 <sup>TH</sup> WEEK	Essay Writing	

## MAY

TOPICS / CHAPTERS		TEACHING PERIODS
<ul style="list-style-type: none"> <li>The Trick Madho Played</li> <li>Don't Give Up</li> <li>The Tale of Peter Rabbit (Subject Enrichment)</li> </ul> <b>Supplementary Reader</b> Treasure Island <b>Writing skill/ Grammar</b> <ul style="list-style-type: none"> <li>Subject Verb Agreement</li> <li>Articles</li> <li>Story Writing</li> </ul> <b>Dictation Test</b>		20
1 <sup>ST</sup> WEEK	The Trick Madho Played	
2 <sup>ND</sup> WEEK	Subject Verb Agreement	
3 <sup>RD</sup> WEEK	Don't Give Up	
4 <sup>TH</sup> WEEK	Articles	
5 <sup>TH</sup> WEEK	Story Writing	

## JUNE

TOPICS / CHAPTERS		TEACHING PERIODS
<ul style="list-style-type: none"> <li>Sir, It's 5050!</li> <li>I am Aware of My Rights</li> <li>The Umbrella Man (Reading Comprehension)</li> </ul> <b>Supplementary Reader</b> <ul style="list-style-type: none"> <li>Treasure Island</li> </ul> <b>Writing skill/ Grammar</b> <ul style="list-style-type: none"> <li>Transitive / Intransitive</li> <li>Diary Entry</li> </ul> <b>Dictation Test</b>		20
<b>1<sup>ST</sup> WEEK</b>	Sir, It's 5050!	
<b>2<sup>ND</sup> WEEK</b>	I am Aware of My Rights	
<b>3<sup>RD</sup> WEEK</b>	Transitive / Intransitive	
<b>4<sup>TH</sup> WEEK</b>	Diary Entry	
<b>5<sup>TH</sup> WEEK</b>	The Umbrella Man (Reading Comprehension)	

## JULY

TOPICS / CHAPTERS		TEACHING PERIODS
<ul style="list-style-type: none"> <li>Nazu, a Child of God</li> <li>From a Railway Carriage (Reading Comprehension)</li> <li>Sir Nicketty Nox (Listening Comprehension )</li> </ul> <b>Writing skill/ Grammar</b> <ul style="list-style-type: none"> <li>Simple Past and Present Perfect Tense</li> <li>Verb Forms</li> <li>Informal Letter Writing</li> </ul> <b>Dictation Test</b>		14
<b>1<sup>ST</sup> WEEK</b>	Nazu, a Child of God Sir Nicketty Nox (Listening Comprehension )	
<b>2<sup>ND</sup> WEEK</b>	From a Railway Carriage (Reading Comprehension) Verb Forms Simple Past and Present Perfect Tense	
<b>3<sup>RD</sup> WEEK</b>	Informal Letter Writing	
<b>4<sup>TH</sup> WEEK</b>	Summer Break	
<b>5<sup>TH</sup> WEEK</b>	Summer Break	

## AUGUST

TOPICS / CHAPTERS		TEACHING PERIODS
<b>REVISION TERM 1</b>		15
<b>1<sup>ST</sup> WEEK</b>	Revision for Term 1	
<b>2<sup>ND</sup> WEEK</b>	Revision for Term 1	
<b>3<sup>RD</sup> WEEK</b>	Term 1	
<b>4<sup>TH</sup> WEEK</b>	Term 1	
<b>5<sup>TH</sup> WEEK</b>	Term 1	

## SEPTEMBER

TOPICS / CHAPTERS		TEACHING PERIODS
<ul style="list-style-type: none"> <li>Want to Jump on the Bed</li> <li>The Scientist's Murder</li> <li>Ammas's Idlis (Reading comprehension)</li> <li>My Kingdom(Listening Comprehension)</li> </ul> <b>Supplementary Reader</b> <ul style="list-style-type: none"> <li>Treasure Island</li> </ul> <b>Writing skill/ Grammar</b> <ul style="list-style-type: none"> <li>Modal Auxiliaries</li> <li>Informal Letter Writing</li> </ul> <b>Dictation Test</b>		20
<b>1<sup>ST</sup> WEEK</b>	Want to Jump on the Bed	
<b>2<sup>ND</sup> WEEK</b>	Modal Auxiliaries	

<b>3<sup>rd</sup> WEEK</b>	Modal Auxiliaries
<b>4<sup>th</sup> WEEK</b>	The Scientist's Murder Ammas's Idlis (Reading comprehension)
<b>5<sup>th</sup> WEEK</b>	My Kingdom(Listening) Treasure Island (Discussion) Informal letter

## OCTOBER

TOPICS / CHAPTERS		TEACHING PERIODS
<ul style="list-style-type: none"> <li>The School with a Difference</li> <li>Lee Chang's Flute (Reading Comprehension)</li> </ul> <b>Supplementary Reader</b> <ul style="list-style-type: none"> <li>Treasure Island</li> </ul> <b>Writing skill/ Grammar</b> <ul style="list-style-type: none"> <li>Present Perfect Continuous Tense</li> <li>Diary Entry</li> </ul> <b>Dictation Test</b>		20
<b>1<sup>st</sup> WEEK</b>	The School with a Difference	
<b>2<sup>ND</sup> WEEK</b>	Present Perfect Continuous Tense	
<b>3<sup>RD</sup> WEEK</b>	Diary Entry	
<b>4<sup>TH</sup> WEEK</b>	Treasure Island (Discussion)	
<b>5<sup>TH</sup> WEEK</b>	Lee Chang's Flute (Reading Comprehension)	

## NOVEMBER

TOPICS / CHAPTERS		TEACHING PERIODS
<ul style="list-style-type: none"> <li>Look Inside You</li> <li>Rip Van Winkle (Subject Enrichment )</li> <li>Grandpapa's Spectacles (Reading Comprehension)</li> </ul> <b>Supplementary Reader</b> <ul style="list-style-type: none"> <li>Treasure Island</li> </ul> <b>Writing skill/ Grammar</b> <ul style="list-style-type: none"> <li>Informal letter</li> <li>Diary Entry</li> <li>Verb Forms</li> </ul> <b>Dictation Test</b>		23
<b>1<sup>ST</sup> WEEK</b>	Look Inside You	
<b>2<sup>ND</sup> WEEK</b>	Verb Forms Rip Van Winkle (Subject Enrichment )	
<b>3<sup>RD</sup> WEEK</b>	Grandpapa's Spectacles (Reading Comprehension) Informal letter	
<b>4<sup>TH</sup> WEEK</b>	Diary Entry	
<b>5<sup>TH</sup> WEEK</b>	<b>Supplementary Reader</b> Treasure Island	

## DECEMBER

TOPICS / CHAPTERS		TEACHING PERIODS
<b>WINTER VACATION</b>		00

# MATHEMATICS

## MARCH

TOPICS / CHAPTERS		TEACHING PERIODS
1. Large numbers		5
5 <sup>th</sup> WEEK	Concept of Indian system of Numeration, Ex. 1.1, Exercise 1.2, understanding face value and place value	

## APRIL

TOPICS / CHAPTERS		TEACHING PERIODS
Large numbers The four fundamental operations		12 12
1 <sup>ST</sup> WEEK	Exercise 1.3 ,Expanded form, Exercise 1.4 Predecessor and successor, Exercise 1.5	
2 <sup>nd</sup> WEEK	Exercise 1.6, Comparing numbers, Rounding of numbers, Exercise 1.7, Introduction to the four fundamental operations.	
3 <sup>rd</sup> WEEK	Addition of larger numbers, Exercise 2.1, Properties of Addition, Subtraction of numbers, Exercise 2.2	
4 <sup>th</sup> WEEK	Multiplication, properties of Multiplication, Lattice multiplication, Exercise 2.3 and Exercise 2.4	

## MAY

TOPICS / CHAPTERS		TEACHING PERIODS
1. The four fundamental operations 2. Symmetry( subject enrichment) 3. H. C. F and L. C. M		7 3 12
1 <sup>ST</sup> WEEK	Division of larger numbers, Exercise 2.5, Problem solving skills, Exercise 2.6	
2 <sup>ND</sup> WEEK	Introduction to symmetry. Introduction to Factors, properties of factors, test of divisibility, Exercise 3.1, prime and composite no's	
3 <sup>RD</sup> WEEK	Prime factorization, Exercise 3.2, H.C.F, H.C.F by different methods , Exercise 3.3	
4 <sup>TH</sup> WEEK	Multiples, properties of Multiples, Exercise 3.4, L.C.M, L.C.M by different methods ,Exercise 3.5	

## JUNE

TOPICS / CHAPTERS		TEACHING PERIODS
1. H. C. F & L. C. M 2. Fractions 3. Decimals		4 11 9
1 <sup>ST</sup> WEEK	Exercise 3.5 (continued) Introduction to fractions, Types of fractions.	
2 <sup>ND</sup> WEEK	Properties for addition and subtraction of fractions. Exercise 4.1, Addition and subtraction of fractions, Exercise 4.2	
3 <sup>RD</sup> WEEK	Introduction to Decimals. Exercise 5.1, Reading, writing and converting decimals, Exercise 5.2.	
4 <sup>TH</sup> WEEK	Converting fraction into decimal and vice versa, Exercise 5.3, Expanded form of decimals, comparing decimals, Exercise 5.4	

## JULY

TOPICS / CHAPTERS		TEACHING PERIODS
1. Decimals 2. Percentage		7 8
1 <sup>ST</sup> WEEK	Addition and subtraction of decimals, Exercise 5.5 and 5.6	
2 <sup>ND</sup> WEEK	Introduction to percentage, Exercise 6.1, Exercise 6.2	
3 <sup>RD</sup> WEEK	Summer Break	
4 <sup>TH</sup> WEEK	Summer Break	

**AUGUST**

TOPICS / CHAPTERS		TEACHING PERIODS
<b>REVISION FOR TERM – I</b>		
<b>1<sup>ST</sup> WEEK</b>	Revision for Term I	
<b>2<sup>ND</sup> WEEK</b>	Revision for Term I	
<b>3<sup>RD</sup> WEEK</b>	Term I (Examination)	
<b>4<sup>TH</sup> WEEK</b>	Term I (Examination)	

**SEPTEMBER**

TOPICS / CHAPTERS		TEACHING PERIODS
<b>Percentage Geometry</b>		<b>11 12</b>
<b>1<sup>ST</sup> WEEK</b>	Converting per cent into a fraction, Exercise 6.3, Finding per cent of a number, Exercise 6.4	
<b>2<sup>ND</sup> WEEK</b>	What per cent is one number of another, Exercise 6.5 introduction to Geometry Point and line, Relationship between points and lines, Exercise 7.1	
<b>3<sup>RD</sup> WEEK</b>	Angles, naming an angle, Exercise 7.2, Use of Protractor, Classification of angles, Exercise 7.3,	
<b>4<sup>TH</sup> WEEK</b>	constructing angles with a protractor, Exercise 7.4, Types of lines Exercise 7.5	

**OCTOBER**

TOPICS / CHAPTERS		TEACHING PERIODS
<b>Geometry Measurements</b>		<b>7 17</b>
<b>1<sup>ST</sup> WEEK</b>	Classification of triangles , Exercise 7.6, Circles, parts of a circle, Exercise 7.7.	
<b>2<sup>ND</sup> WEEK</b>	Introduction to Measurements, The metric measures, Exercise 9.1, Conversion of metric measures, Exercise 9.2	
<b>3<sup>RD</sup> WEEK</b>	Converting bigger units into smaller units, Exercise 9.3, Operation on metric measures, Exercise 9.4	
<b>4<sup>TH</sup> WEEK</b>	Multiplication and division of metric measures, Average, word problems, Exercise 9.5	

**NOVEMBER**

TOPICS / CHAPTERS		TEACHING PERIODS
<b>Data Handling( subject enrichment) Perimeter, area and volume</b>		<b>4 20</b>
<b>1<sup>ST</sup> WEEK</b>	Introduction to Data Handling Introduction to perimeter, Perimeter of a rectangle, square and triangle	
<b>2<sup>ND</sup> WEEK</b>	Exercise 8.1, Introduction to Area, Area of rectangle and square, Exercise 8.2	
<b>3<sup>RD</sup> WEEK</b>	Area of a triangle Exercise 8.3 Introduction to Volume	
<b>4<sup>TH</sup> WEEK</b>	Volume of a cube and cuboid, units used for the measurement of volume Exercise 8.5	

**DECEMBER**

TOPICS / CHAPTERS		TEACHING PERIODS
<b>Nil</b>		<b>0</b>
<b>1<sup>ST</sup> WEEK</b>		
<b>2<sup>ND</sup> WEEK</b>		
<b>3<sup>RD</sup> WEEK</b>		
<b>4<sup>TH</sup> WEEK</b>		

# SCIENCE

## MARCH

TOPICS / CHAPTERS		TEACHING PERIODS
1. MATTER		12
5 <sup>TH</sup> WEEK	<ul style="list-style-type: none"> <li>Matter (Element, compound, molecule)</li> <li>States of matter</li> <li>Solids that dissolve in water</li> <li>Liquids that dissolve in water</li> </ul>	

## APRIL

TOPICS / CHAPTERS		TEACHING PERIODS
1. MATTER		ALREADY MENTIONED
2. HOW PLANTS INCREASE IN NUMBER		11
3. SOIL EROSION AND CONSERVATION		10
1 <sup>ST</sup> WEEK	<ul style="list-style-type: none"> <li>Gases that dissolve in water</li> <li>Change in the states of matter- Physical Change</li> <li>Change in the states of matter- Chemical Change</li> </ul>	
2 <sup>ND</sup> WEEK	<ul style="list-style-type: none"> <li>Question/ Answers (DISCUSSION)</li> <li>Plants-Introduction</li> <li>Structure of seed</li> <li>Germination of seed</li> </ul>	
3 <sup>RD</sup> WEEK	<ul style="list-style-type: none"> <li>Seed dispersal</li> <li>Vegetative propagation</li> <li>Crops</li> <li>Agriculture</li> </ul>	
4 <sup>TH</sup> WEEK	<ul style="list-style-type: none"> <li>Growing, protection and storage of crops</li> <li>Question/ Answers (DISCUSSION)</li> <li>Formation of soil.</li> </ul>	

## MAY

TOPICS / CHAPTERS		TEACHING PERIODS
1. SOIL EROSION AND CONSERVATION		ALREADY MENTIONED
2. FOOD AND HEALTH		12
1 <sup>ST</sup> WEEK	<ul style="list-style-type: none"> <li>Soil erosion- Definition</li> <li>Soil erosion- causes and effects</li> </ul>	
2 <sup>ND</sup> WEEK	<ul style="list-style-type: none"> <li>Soil Conservation- Definition</li> <li>Methods of soil conservation</li> </ul>	
3 <sup>RD</sup> WEEK	<ul style="list-style-type: none"> <li>Question/Answer (DISCUSSION)</li> <li>Balanced diet</li> <li>Nutrients</li> </ul>	
4 <sup>TH</sup> WEEK	<ul style="list-style-type: none"> <li>Healthy living- Exercise, Rest, Posture</li> <li>Diseases- communicable diseases</li> <li>Non-communicable</li> </ul>	
5 <sup>TH</sup> WEEK	<ul style="list-style-type: none"> <li>Prevention of communicable diseases</li> <li>Question/ Answers (DISCUSSION)</li> </ul>	

## JUNE

TOPICS / CHAPTERS		TEACHING PERIODS
1. FIRST AID		13
2. FORCE AND ENERGY		12
1 <sup>ST</sup> WEEK	<ul style="list-style-type: none"> <li>First aid- cuts, scratches, sprains</li> <li>Nose bleed, fractures</li> </ul>	
2 <sup>ND</sup> WEEK	<ul style="list-style-type: none"> <li>Burns</li> <li>Dehydration, Animal bites</li> <li>Poisoning, fire</li> </ul>	
3 <sup>RD</sup> WEEK	<ul style="list-style-type: none"> <li>Question/Answers (DISCUSSION)</li> <li>Force, Types of force</li> <li>Machines-lever, Inclined Plane, Screw</li> </ul>	

<b>4<sup>TH</sup> WEEK</b>	<ul style="list-style-type: none"> <li>• Wedge, Wheel and axle</li> <li>• Pulley- fixed, movable</li> </ul>
<b>5<sup>TH</sup> WEEK</b>	<ul style="list-style-type: none"> <li>• Energy</li> <li>• Forms of energy</li> </ul>

## JULY

TOPICS / CHAPTERS		TEACHING PERIODS
1. FORCE AND ENERGY (CONTD...)		ALREADY MENTIONED  9
2. NATURAL DISASTERS		
3. HOUSES AROUND US – SE		
1 <sup>ST</sup> WEEK	<ul style="list-style-type: none"><li>• Law of conservation of energy</li><li>• Question/ Answers (DISCUSSION)</li><li>• Earthquake</li><li>• Volcanoes</li></ul>	
2 <sup>ND</sup> WEEK	<ul style="list-style-type: none"><li>• Tsunamis</li><li>• Droughts</li><li>• Question/ Answers (DISCUSSION)</li><li>• SUBJECT ENRICHMENT</li></ul>	
3 <sup>RD</sup> WEEK	SUMMER VACATION	
4 <sup>TH</sup> WEEK	SUMMER VACATION	

## AUGUST

TOPICS / CHAPTERS		TEACHING PERIODS
<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	
<b>5<sup>TH</sup> WEEK</b>	MID-TERM EXAMINATION	

## SEPTEMBER

TOPICS / CHAPTERS		TEACHING PERIODS
1. THE NERVOUS SYSTEM		11
2. AIR AND WATER		10
<b>1<sup>ST</sup> WEEK</b>	<ul style="list-style-type: none"> <li>• Brain- parts, functions</li> <li>• The spinal cord</li> </ul>	
<b>2<sup>ND</sup> WEEK</b>	<ul style="list-style-type: none"> <li>• The nerves- types and functions</li> <li>• Reflex actions</li> <li>• The sense organs and their care</li> </ul>	
<b>3<sup>RD</sup> WEEK</b>	<ul style="list-style-type: none"> <li>• Question/ Answers (DISCUSSION)</li> <li>• Air- layers, composition</li> </ul>	
<b>4<sup>TH</sup> WEEK</b>	<ul style="list-style-type: none"> <li>• Properties and uses of air</li> <li>• Water- impurities in water</li> </ul>	
<b>5<sup>TH</sup> WEEK</b>	<ul style="list-style-type: none"> <li>• Removal of soluble and insoluble impurities</li> <li>• Purification of drinking water</li> <li>• Question/ Answers (DISCUSSION)</li> </ul>	

## OCTOBER

TOPICS / CHAPTERS		TEACHING PERIODS
1. THE EARTH'S SATELLITE		12
2. THE SKELETAL SYSTEM		10
<b>1<sup>ST</sup> WEEK</b>	<ul style="list-style-type: none"> <li>• Question/ Answers (Contd...)</li> <li>• Moon – surface, no life on moon</li> <li>• Phases of moon</li> </ul>	
<b>2<sup>ND</sup> WEEK</b>	<ul style="list-style-type: none"> <li>• Eclipses- solar, lunar</li> <li>• Tides</li> <li>• Artificial satellites</li> <li>• Question/ Answers (DISCUSSION)</li> </ul>	



<b>3<sup>RD</sup> WEEK</b>	<ul style="list-style-type: none"> <li>Human organ system</li> <li>Human Skeleton</li> <li>Parts of the skeleton- The skull</li> </ul>
<b>4<sup>TH</sup> WEEK</b>	<ul style="list-style-type: none"> <li>Parts of the skeleton- ribs, spine, limbs</li> <li>Functions of the skeleton</li> <li>Joints- immovable</li> </ul>
<b>5<sup>TH</sup> WEEK</b>	<ul style="list-style-type: none"> <li>Joints- movable</li> <li>Muscles, kinds of muscles</li> </ul>

## NOVEMBER

TOPICS / CHAPTERS		TEACHING PERIODS	
1. ROCKS AND MINERALS 2. THE WORLD OF ANIMALS 3. OUR ENVIRONMENT-SE		10	10
<b>1<sup>ST</sup> WEEK</b>	<ul style="list-style-type: none"> <li>Question/ Answers (DISCUSSION)</li> <li>Rocks</li> <li>Igneous rocks- types</li> </ul>		
<b>2<sup>ND</sup> WEEK</b>	<ul style="list-style-type: none"> <li>Sedimentary rocks- types</li> <li>Metamorphic rocks- types</li> <li>Minerals – metallic and non-metallic</li> </ul>		
<b>3<sup>RD</sup> WEEK</b>	<ul style="list-style-type: none"> <li>Conservation of natural resources</li> <li>Question/ Answers (DISCUSSION)</li> <li>Movement- mammals, birds</li> </ul>		
<b>4<sup>TH</sup> WEEK</b>	<ul style="list-style-type: none"> <li>Movement- reptiles, insects, fish</li> <li>Breathing in animals</li> <li>Feeding habits of animals</li> </ul>		
<b>5<sup>TH</sup> WEEK</b>	<ul style="list-style-type: none"> <li>Migration</li> <li>Question/ Answers (DISCUSSION)</li> </ul>		

## DECEMBER

	<ul style="list-style-type: none"> <li>•REVISION</li> <li>•WINTER VACATION</li> </ul>
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## SOCIAL SCIENCE

### MARCH

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>1. Globes and Maps</b>			<b>5</b>
<b>2<sup>ND</sup> WEEK</b>	FINAL TERM EXAM		
<b>3<sup>RD</sup> WEEK</b>	FINAL TERM EXAM		
<b>4<sup>TH</sup> WEEK</b>	FINAL TERM EXAM		
<b>5<sup>TH</sup> WEEK</b>	1. Shape of the Earth 2. Globes, Maps. 3. Types of maps		

### APRIL

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>1. Globes and Maps (Continued)</b> <b>2. Some Great Indians</b> <b>3. The Land of Hot Sun - Saudi Arabia</b>			<b>20</b>
<b>1<sup>ST</sup> WEEK</b>	1. Language of maps – direction, scale 2. Signs and Symbols, Colours 3. Introduction to Great Leaders 4. Sushruta, Charaka		
<b>2<sup>ND</sup> WEEK</b>	1. Kalidas 2. Rani Lakshmi Bai 3. Rabindranath Tagore		

	4. Mahatma Gandhi
<b>3<sup>RD</sup> WEEK</b>	1. Sir Syed Ahmad Khan 2. Location and Map of Saudi Arabia 3. Climate of Saudi Arabia 4. Vegetation and wildlife of Saudi Arabia
<b>4<sup>TH</sup> WEEK</b>	1. Natural Resources and Agriculture of Saudi Arabia 2. Economy of Saudi Arabia 3. Transport of Saudi Arabia 4. Life of people of Saudi Arabia

#### MAY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>1. Transmitting Knowledge 2. Transport and Communication</b>			<b>20</b>
<b>1<sup>ST</sup>WEEK</b>	1. Earliest Written Records 2. Scripts 3. Paper and Printing		
<b>2<sup>ND</sup> WEEK</b>	1. Origin of Numbers 2. Importance of Transport 3. Modes of Transport 4. Roadways		
<b>3<sup>RD</sup> WEEK</b>	1. Railways 2. Waterways 3. Airways		
<b>4<sup>TH</sup> WEEK</b>	1. Communication 2. Personal Communication 3. Postal Service, Telegraph 4. Telephone, Fax, Email		
<b>5<sup>TH</sup> WEEK</b>	1. Mass Communication 2. Newspaper and Magazine 3. Radio, Television 4. Internet		

#### JUNE

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>1. The Indian Government 2. The Freedom Struggle</b>			<b>20</b>
<b>1<sup>ST</sup> WEEK</b>	1. Need and Importance of Government 2. Levels of Government 3. Union Government 4. Lok Sabha		
<b>2<sup>ND</sup> WEEK</b>	1. Rajya Sabha 2. President 3. Prime Minister 4. State Government		
<b>3<sup>RD</sup> WEEK</b>	1. Judiciary 2. Social Reformers 3. Indian National Congress		
<b>4<sup>TH</sup> WEEK</b>	1. Partition of Bengal 2. Mahatma Gandhi 3. Jallianwala Bagh Massacre		
<b>5<sup>TH</sup> WEEK</b>	1. Khilafat Movement 2. Non-Cooperation Movement 3. Simon Commission		

#### JULY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>1. The Freedom Struggle (Continued)</b>			<b>14</b>
<b>1<sup>ST</sup>WEEK</b>	1. Civil Disobedience Movement 2. Quit India Movement		
<b>2<sup>ND</sup> WEEK</b>	1. India Wins Freedom		

<b>3<sup>RD</sup> WEEK</b>	
<b>4<sup>TH</sup> WEEK</b>	

#### AUGUST

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
REVISION			<b>15</b>
<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 EXAM		
<b>4<sup>TH</sup> WEEK</b>	MID-TERM EXAM		
<b>5<sup>TH</sup> WEEK</b>	MID-TERM EXAM		

#### SEPTEMBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>1. Latitudes and Longitudes</b> <b>2. Weather and Climate</b> <b>3. Major Landforms</b>			<b>20</b>
<b>1<sup>ST</sup> WEEK</b>	1. Imaginary Lines 2. Latitudes and Important Latitudes 3. Longitudes		
<b>2<sup>ND</sup> WEEK</b>	1. Locating Places 2. Weather 3. Climate		
<b>3<sup>RD</sup> WEEK</b>	1. Factors Influencing Climate 2. Climatic Zones		
<b>4<sup>TH</sup> WEEK</b>	1. Mountains and its features 2. Plateaus and its features 3. Plains and its features		

#### OCTOBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>1. Major Landforms (continued)</b> <b>2. The Grasslands-Prairies</b> <b>3. Great World Leaders</b> <b>4. United Nations</b>			<b>20</b>
<b>1<sup>ST</sup> WEEK</b>	1. Rivers and its features 2. Deserts and its features 3. Location and Map of Prairies		
<b>2<sup>ND</sup> WEEK</b>	1. Climate of Prairies 2. Vegetation and Wildlife of Prairies 3. Natural resources, Economy and Lifestyle of Prairies		
<b>3<sup>RD</sup> WEEK</b>	1. George Washington 2. Abraham Lincoln 3. Martin Luther King, Jr. 4. Mother Teresa		
<b>4<sup>TH</sup> WEEK</b>	1. Formation of UN 2. Principles of UN		

#### NOVEMBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>1. United Nations (continued)</b> <b>2. Medicine</b> <b>3. The Coming Of The British</b>			<b>23</b>
<b>1<sup>ST</sup> WEEK</b>	1. Objectives of UN 2. Organs of UN		
<b>2<sup>ND</sup> WEEK</b>	1. Agencies of UN 2. Achievements of UN		
<b>3<sup>RD</sup> WEEK</b>	1. Clinical Thermometer, Stethoscope		

	2. Microscope, Medical Imaging, Laser 3. Antibiotics, Vaccination
<b>4<sup>TH</sup> WEEK</b>	1. Pasteurisation, Sterilisation 2. Coming of Britishers
<b>5<sup>TH</sup> WEEK</b>	1. Growing Discontent Among Indians 2. Revolt of 1857

## DECEMBER

<b>FINAL TERM EXAM</b>		
<b>REVISION WINTER VACATION</b>		

## URDU

### MARCH

TOPICS / CHAPTERS		TEACHING PERIODS
نظم: بچے کی دُعا		05
<b>5<sup>TH</sup> WEEK</b>		نظم: بچے کی دُعا

### APRIL

TOPICS / CHAPTERS		TEACHING PERIODS
اسم کا بیان، بناوٹ کے لحاظ سے اسم کی قسمیں: سبق: چائے، خط		20
<b>2<sup>ND</sup> WEEK</b>		نظم: ”بچے کی دُعا“ باری، سبق: چائے تعارف
<b>3<sup>RD</sup> WEEK</b>		سبق: ”چائے“ وضاحت
<b>4<sup>TH</sup> WEEK</b>		اسم کا بیان، بناوٹ کے لحاظ سے اسم کی قسمیں
<b>5<sup>TH</sup> WEEK</b>		اسم کا بیان، بناوٹ کے لحاظ سے اسم کی قسمیں جاری، خطوط نویسی

### MAY

TOPICS / CHAPTERS		TEACHING PERIODS
نظم: سویرے سیر کو جائیں، سبق: ایڈریس، سبق: ایڈریس جاری، متضاد الفاظ، خطوط نویسی		20
<b>1<sup>ST</sup> WEEK</b>		نظم: سویرے سیر کو جائیں
<b>2<sup>ND</sup> WEEK</b>		سبق: ایڈریس
<b>3<sup>RD</sup> WEEK</b>		سبق: ایڈریس جاری، متضاد الفاظ
<b>4<sup>TH</sup> WEEK</b>		خطوط نویسی

### JUNE

TOPICS / CHAPTERS		TEACHING PERIODS
سبق: حکمت عملی، مذکر مونث، عبارت نویسی، خطوط نویسی، معنوں کے لحاظ سے اسم کی قسمیں		20
<b>1<sup>ST</sup> WEEK</b>		سبق: حکمت عملی
<b>2<sup>ND</sup> WEEK</b>		سبق: حکمت عملی جاری، مذکر مونث
<b>3<sup>RD</sup> WEEK</b>		عبارت نویسی
<b>4<sup>TH</sup> WEEK</b>		خطوط نویسی
<b>5<sup>TH</sup> WEEK</b>		معنوں کے لحاظ سے اسم کی قسمیں

### JULY

TOPICS / CHAPTERS		TEACHING PERIODS
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14	معنوں کے لحاظ سے اسم کی قسمیں جاری، واحد جمع، خطوط نویسی
1 <sup>ST</sup> WEEK	معنوں کے لحاظ سے اسم کی قسمیں جاری
2 <sup>ND</sup> WEEK	واحد جمع، خطوط نویسی

## AUGUST

TOPICS / CHAPTERS	TEACHING PERIODS
اعادہ، میثقات اول	15
1 <sup>ST</sup> WEEK	اعادہ
2 <sup>ND</sup> WEEK	اعادہ

## SEPTEMBER

TOPICS / CHAPTERS	TEACHING PERIODS
نظم: بچہ اور بگنو / سبق: رکھشا بندھن / تذکیر و تانیث، غلط درست جملے، درخواست نگاری	20
1 <sup>ST</sup> WEEK	بچہ اور بگنو
2 <sup>ND</sup> WEEK	نظم: بچہ اور بگنو جاری / سبق: رکھشا بندھن
3 <sup>RD</sup> WEEK	سبق: رکھشا بندھن جاری، غلط درست جملے
4 <sup>TH</sup> WEEK	تذکیر و تانیث، درخواست نگاری
5 <sup>TH</sup> WEEK	درخواست نگاری جاری

## OCTOBER

TOPICS / CHAPTERS	TEACHING PERIODS
سبق: یوم اساتذہ / نظم: میں کیا ہوں گا / اسم معرفہ کے اقسام، عبارت نویسی	20
1 <sup>ST</sup> WEEK	سبق: یوم اساتذہ
2 <sup>ND</sup> WEEK	نظم: میں کیا ہوں گا
3 <sup>RD</sup> WEEK	اسم معرفہ کے اقسام
4 <sup>TH</sup> WEEK	عبارت نویسی

## NOVEMBER

TOPICS / CHAPTERS	TEACHING PERIODS
سبق: شہد کی مکھی / مترادفات، واحد جمع، درخواست نگاری	23
1 <sup>ST</sup> WEEK	سبق: شہد کی مکھی
2 <sup>ND</sup> WEEK	سبق: شہد کی مکھی جاری
3 <sup>RD</sup> WEEK	مترادفات
4 <sup>TH</sup> WEEK	واحد جمع، درخواست نگاری

## DECEMBER

TOPICS / CHAPTERS	TEACHING PERIODS
اعادہ، سرمائی تعطیلات	
1 <sup>ST</sup> WEEK	اعادہ

## HINDI

## MARCH

TOPICS / CHAPTERS	TEACHING PERIODS
व्याकरण - शब्द भंडार , अपठित गद् यांश , अपठित पद् यांश	05

2 <sup>nd</sup> WEEK	वार्षिक परीक्षा
3 <sup>rd</sup> WEEK	वार्षिक परीक्षा
4 <sup>th</sup> WEEK	वार्षिक परीक्षा शब्द भंडार
5 <sup>th</sup> WEEK	अपठित गद् यांश , अपठित पद् यांश

#### APRIL

TOPICS / CHAPTERS	TEACHING PERIODS
पाठ- एक रहे हैं एक रहेंगे (कविता ) पाठ- आदमी की पहचान पाठ- सच्चा शिष्य , मुहावरे , शब्द भंडार	20
1 <sup>st</sup> WEEK	पाठ- एक रहे हैं एक रहेंगे (कविता ) पाठ – संबंधित व्याकरण
2 <sup>nd</sup> WEEK	पाठ- आदमी की पहचान पाठ – संबंधित व्याकरण
3 <sup>rd</sup> WEEK	पाठ- सच्चा शिष्य पाठ – संबंधित व्याकरण
4 <sup>th</sup> WEEK	मुहावरे ,Spelling Test , Dictation Test
5 <sup>th</sup> WEEK	शब्द भंडार

#### MAY

TOPICS / CHAPTERS	TEACHING PERIODS
ओमू ने खुशियाँ खरीदीं , कदंब का पेड़ , मेरा बचपन विराम चिह्न , संज्ञा तथा उसके भेद, सवालों की दुनिया ( केवल पढ़ने के लिए )	20
1 <sup>st</sup> WEEK	ओमू ने खुशियाँ खरीदीं पाठ – संबंधित
2 <sup>nd</sup> WEEK	कदंब का पेड़ (कविता ) पाठ – संबंधित
3 <sup>rd</sup> WEEK	मेरा बचपन पाठ – संबंधित , सवालों की दुनिया ( केवल पढ़ने के लिए )
4 <sup>th</sup> WEEK	व्याकरण संज्ञा तथा उसके भेद , विराम चिह्न
5 <sup>th</sup> WEEK	पुनरावृत्ति कार्य Spelling Test ,Dictation Test

#### JUNE

TOPICS / CHAPTERS	TEACHING PERIODS
पाठ –पानी , पाठ- राजा की तीन सीखें ,पाठ - बेटी पढ़ाओ, देश बढाओ (कविता ) सर्वनाम तथा उसके भेद	20
1 <sup>st</sup> WEEK	पाठ –पानी पाठ , संबंधित व्याकरण
2 <sup>nd</sup> WEEK	पाठ- राजा की तीन सीखें, पाठ – संबंधित व्याकरण
3 <sup>rd</sup> WEEK	पाठ - बेटी पढ़ाओ, देश बढाओ पाठ – संबंधित व्याकरण
4 <sup>th</sup> WEEK	सर्वनाम तथा उसके भेद ,
5 <sup>th</sup> WEEK	पुनरावृत्ति कार्य Spelling Test , Dictation Test

#### JULY

TOPICS / CHAPTERS	TEACHING PERIODS
पाठ- सयाने बच्चे , पाठ – संबंधि व्याकरण पाठ- ओणम पाठ, पाठ – संबंधि व्याकरण अनुच्छेद लेखन , पत्र लेखन	14
1 <sup>st</sup> WEEK	अनुच्छेद लेखन, पत्र लेखन

2 <sup>nd</sup> WEEK	पाठ- सयाने बच्चे ,पाठ – संबंधि व्याकरण
3 <sup>rd</sup> WEEK	पाठ- ओणम ,पाठ – संबंधि व्याकरण

## AUGUST

TOPICS / CHAPTERS ( मार्च से लेकर जुलाई तक के पाठ यम का पुनरावृत्ति कार्य करवाया जाएगा । )	TEACHING PERIODS 15
1 <sup>st</sup> WEEK	पुनरावृत्ति कार्य
2 <sup>nd</sup> WEEK	पुनरावृत्ति कार्य
3 <sup>rd</sup> WEEK	पुनरावृत्ति कार्य
4 <sup>th</sup> WEEK	अर्द्ध वार्षिक परीक्षा
5 <sup>th</sup> WEEK	अर्द्ध वार्षिक परीक्षा

## SEPTEMBER

TOPICS / CHAPTERS	TEACHING PERIODS
पाठ- हमारा विद्यालय, पाठ- आज का अर्जुन, पाठ – सूरज का गोला , क्रिया , काल	20
1 <sup>st</sup> WEEK	पाठ- हमारा विद्यालय, , पाठ – संबंधित व्याकरण
2 <sup>nd</sup> WEEK	पाठ – सूरज का गोला पाठ – संबंधि व्याकरण
3 <sup>rd</sup> WEEK	पाठ - हमारा विद्यालय, पाठ – संबंधित व्याकरण
4 <sup>th</sup> WEEK	पाठ- आज का अर्जुन ,पाठ – संबंधित व्याकरण
5 <sup>th</sup> WEEK	पुनरावृत्ति कार्य Spelling Test , Dictation Test

## OCTOBER

TOPICS / CHAPTERS	TEACHING PERIODS
पाठ –सबसे अच्छा पेड, पाठ – कबीर के दोहे , उपसर्ग , प्रत्यय , अनोखा इलाज (केवल पढ़ने के लिए )	20
1 <sup>st</sup> WEEK	पाठ –सबसे अच्छा पेड, पाठ – संबंधित व्याकरण
2 <sup>nd</sup> WEEK	पाठ – कबीर के दोहे ,पाठ – संबंधित व्याकरण
3 <sup>rd</sup> WEEK	उपसर्ग , प्रत्यय
4 <sup>th</sup> WEEK	अनोखा इलाज (केवल पढ़ने के लिए )
5 <sup>th</sup> WEEK	पुनरावृत्ति कार्य Spelling Test , ,Dictation Test

## NOVEMBER

TOPICS / CHAPTERS	TEACHING PERIODS
पाठ - बालक चंद्रगुप्त, पाठ संकल्प (कविता) अशुद्ध – शुद्ध , अनुच्छेद लेखन , पत्र लेखन	23
1 <sup>st</sup> WEEK	पाठ - बालक चंद्रगुप्त, पाठ – संबंधित व्याकरण
2 <sup>nd</sup> WEEK	पाठ संकल्प (कविता),पाठ – संबंधित व्याकरण
3 <sup>rd</sup> WEEK	अशुद्ध – शुद्ध , अनुच्छेद लेखन
4 <sup>th</sup> WEEK	पत्र लेखन

5 <sup>th</sup> WEEK	पुनरावृत्ति कार्य Spelling Test „Dictation Test
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## DECEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
सर्दियों की छुट्टिया / पुनरावृत्ति		

## KASHMIRI

### MARCH

Topic / Chapters	Teaching Periods
Topic : Recapitulation of sounds	3
4 <sup>th</sup> Week	Recapitulation of sounds
5 <sup>th</sup> Week	Spelling Test And Dictation

### APRIL

Topics / Chapter	Teaching Periods
1: Chaeni chim ehsan khudaya Grammar Lafz Joining And breaking words	
	10
1 <sup>st</sup> Week	Chaeni chim Ehsan Khudaya
2 <sup>nd</sup> Week	Sentence Formation
3 <sup>rd</sup> Week	Joining and breaking of words.
4 <sup>th</sup> Week	Lafz
5 <sup>th</sup> Week	Spelling test and dictation

### MAY

Topics / Chapters	Teaching Periods
Topics: 1. Dargah Hazratbal 2. Shaali kaakh Grammar: Sentence Formation Noun ,counting	10
1 <sup>st</sup> week	Dargah Hazratbal
2 <sup>nd</sup> Week	Dargah Hazratbal
3 <sup>rd</sup> Week	Shaali kaakh
4 <sup>th</sup> Week	Shaali kaakh , Sentence Formation
5 <sup>th</sup> Week	Noun and counting Spell test and dictation

### JUNE

Topics / Chapters	Teaching Periods
Topics: Sounth , Gaashi Taruk Grammar: Name of Vegetables ,Name of Flowers, Name of Relations.	10
1 <sup>st</sup> Week	Sounth
2 <sup>nd</sup> Week	Gashi taruk
3 <sup>rd</sup> Week	Name of vegetables
4 <sup>th</sup> Week	Name of flowers ,relations
5 <sup>th</sup> Week	Spell test and dictation

### July

Topics / Chapters	Teaching Periods
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Sentence formation,joining and breaking words,phonic sounds	6
<b>1<sup>st</sup> Week</b>	Sentence formation
<b>2<sup>nd</sup> Week</b>	Joining and breaking words
<b>3<sup>rd</sup> Week</b>	Phonic sounds
<b>4<sup>th</sup> Week</b>	Summer Break
<b>5<sup>th</sup> Week</b>	Summer Break

### August

Topics / Chapters	Teaching Periods
Topics:Revision	6
<b>1<sup>st</sup> Week</b>	Revision
<b>2<sup>nd</sup> Week</b>	Revision
<b>3<sup>rd</sup> Week</b>	Examination
<b>4<sup>th</sup> Week</b>	Examination
<b>5<sup>th</sup> Week</b>	Examination

### September

Topics / Chapters	Teaching Periods
Topics: 1. Dal Sar Grammar: Name Of Lakes , Masculine Feminine, Verb.	10
<b>1<sup>st</sup> Week</b>	Dal Sar
<b>2<sup>nd</sup> Week</b>	Name Of Lakes
<b>3<sup>rd</sup> Week</b>	Masculine Feminine
<b>4<sup>th</sup> Week</b>	Verb
<b>5<sup>th</sup> Week</b>	Spell Test And Dictation

### October

Topics / Chapters	Teaching Periods
Topic: 1.Aloodg 2.Danai Grammar: Auxillary Verb, Counting ,phonic Sounds.	10
<b>1<sup>st</sup> Week</b>	Aloodgi
<b>2<sup>nd</sup> Week</b>	Auxillary Verb
<b>3<sup>rd</sup> Week</b>	Counting
<b>4<sup>th</sup> Week</b>	Phonic Sounds
<b>5<sup>th</sup> Week</b>	Spelling test and dictation

### November

TOPICS / CHAPTERS	TEACHING PERIODS
Topic: Haput Grammar: Names of Domestic Animals,wild Animals,word opposite ,sentence Formation.	10
<b>1<sup>st</sup> week</b>	Haput
<b>2<sup>nd</sup> week</b>	Name of Domestic, wild Animals
<b>3<sup>rd</sup> week</b>	word opposite
<b>4<sup>th</sup> week</b>	sentence Formation
<b>5<sup>th</sup> week</b>	Spell test and dictation

## INFORMATION TECHNOLOGY

### MARCH

TOPICS / CHAPTERS		TEACHING PERIODS
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<b>Malware and Virus</b>		2
<b>3<sup>rd</sup> WEEK</b>	Introduction to Malware & Virus.	
<b>4<sup>TH</sup> WEEK</b>	Malware, Purpose of Malware.	
<b>5<sup>TH</sup> WEEK</b>	How Malware gets installed.	

#### APRIL

TOPICS / CHAPTERS		TEACHING PERIODS
<b>Malware and Virus / Exploring Windows</b>		9
<b>1<sup>ST</sup>WEEK</b>	Symptoms of presence of malware, types of malware Types of malware contd..., Antivirus	
<b>2<sup>ND</sup> WEEK</b>	Bookwork and worksheet discussion Malware and Virus	
<b>3<sup>RD</sup> WEEK</b>	Introduction to Exploring Windows: Files, Filename, changing file extension Searching for files and folders, Minimizing all windows	
<b>4<sup>TH</sup> WEEK</b>	Jump list, Screen saver Control Panel, Recycle Bin	

#### MAY

TOPICS / CHAPTERS		TEACHING PERIODS
<b>Exploring windows contd... / Windows Photos</b>		9
<b>1<sup>ST</sup> WEEK</b>	Shortcuts, Voice recorder, configuring date and time Bookwork and worksheet discussion Exploring windows	
<b>2<sup>ND</sup> WEEK</b>	Introduction to windows photos, windows photos interface Browsing photos: upload photos, import photos and videos	
<b>3<sup>RD</sup> WEEK</b>	Using the photo viewer interface Using built-in photo editor: crop and rotate tool, enhance tab	
<b>4<sup>TH</sup> WEEK</b>	Adjust tab, saving your edits Create videos: create a video automatically	
<b>5<sup>th</sup> WEEK</b>	Create a video from scratch (all subtopics)	

#### JUNE

TOPICS / CHAPTERS		TEACHING PERIODS
<b>Networking Basics</b>		9
<b>1<sup>ST</sup> WEEK</b>	Bookwork and worksheet discussion windows photos	
<b>2<sup>ND</sup> WEEK</b>	Computer network and types, network characteristics PAN, LAN, MAN, WAN	
<b>3<sup>RD</sup> WEEK</b>	Internet and IoT, Components of the Internet	
<b>4<sup>TH</sup> WEEK</b>	Bookwork and worksheet discussion Networking basics	
<b>5<sup>TH</sup> WEEK</b>	IT Exhibition	

#### JULY

TOPICS / CHAPTERS		TEACHING PERIODS
		4
<b>1<sup>ST</sup>WEEK</b>	Mid-term Practical exam	
<b>2<sup>ND</sup> WEEK</b>	Mid-term Practical exam	
<b>3<sup>RD</sup> WEEK</b>	Revision	
<b>4<sup>TH</sup> WEEK</b>	Revision	
<b>5<sup>TH</sup> WEEK</b>	Revision	

#### AUGUST

TOPICS / CHAPTERS		TEACHING PERIODS
<b>MIDTERM EXAMINATION</b>		0
<b>1<sup>st</sup> WEEK</b>	Revision	
<b>2<sup>ND</sup> WEEK</b>	Revision	
<b>3<sup>RD</sup> WEEK</b>	<b>MIDTERM EXAMINATION</b>	

<b>4<sup>TH</sup> WEEK</b>	<b>MIDTERM EXAMINATION</b>
<b>5<sup>TH</sup> WEEK</b>	<b>MIDTERM EXAMINATION</b>

#### SEPTEMBER

TOPICS / CHAPTERS		TEACHING PERIODS
<b>Number System / 3D Printing</b>		9
<b>1<sup>st</sup> WEEK</b>	Introduction to Number System ,Types of Number system Converting Binary into Decimal	
<b>2<sup>ND</sup> WEEK</b>	Converting Decimal into Binary Bookwork and worksheet discussion Number System	
<b>3<sup>RD</sup> WEEK</b>	Introduction to 3D printing, 3D printer 3D printing: How it works, Frame, Filament, Print bed	
<b>4<sup>TH</sup> WEEK</b>	Cooling fan, print head, belts/cables, motors, threaded rods Benefits of 3D printing	
<b>5<sup>TH</sup> WEEK</b>	Disadvantages of 3D printing Bookwork and worksheet discussion 3D printing	

#### OCTOBER

TOPICS / CHAPTERS		TEACHING PERIODS
<b>More on Excel / More on Scratch</b>		9
<b>1<sup>st</sup> WEEK</b>	Introduction to Excel, Cell and Cell address Operators in MS EXCEL	
<b>2<sup>ND</sup> WEEK</b>	Writing Simple formula, Statistical functions Sorting data, Auto fill	
<b>3<sup>RD</sup> WEEK</b>	Create custom lists, Auto Sum Hiding and Unhiding columns, Printing a Worksheet	
<b>4<sup>TH</sup> WEEK</b>	Bookwork and worksheet discussion More on Excel	
<b>5<sup>th</sup> WEEK</b>	Introduction to scratch: Repeating steps, Forever Block Repeat block, Wait block, When Flag is clicked	

#### NOVEMBER

TOPICS / CHAPTERS		TEACHING PERIODS
<b>More on Scratch</b>		9
<b>1<sup>ST</sup> WEEK</b>	When space key is pressed, when sprite is clicked, change the color of sprite Add new sprite, add sprite from library	
<b>2<sup>ND</sup> WEEK</b>	Paint new sprite Create back, left side and right side views	
<b>3<sup>RD</sup> WEEK</b>	The Dancing Sprite project	
<b>4<sup>TH</sup> WEEK</b>	Bookwork and worksheet discussion More on Scratch	
<b>5<sup>TH</sup> WEEK</b>	Final Term Practical exam	

#### DECEMBER

TOPICS / CHAPTERS		TEACHING PERIODS
		0
<b>1<sup>ST</sup> WEEK</b>	Revision	
<b>2<sup>ND</sup> WEEK</b>	Revision	
<b>3<sup>rd</sup> WEEK</b>	Revision	
<b>4<sup>TH</sup> WEEK</b>	Revision	