



# **KHALSA COLLEGE PUBLIC SCHOOL, HEIR (AMRITSAR)**

**AFFILIATED TO CBSE, NEW DELHI VIDE CODE NO. 1630881**

**SCHOOL CODE 20854**

# **ANNUAL PEDAGOGICAL PLAN**

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***SESSION***

***2019-20***

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***“IF YOU ARE A LEADER, DO EVERYTHING YOU CAN TO GROW YOURSELF  
AND CREATE THE RIGHT ENVIRONMENT FOR OTHERS TO GROW.”***



## 1. SCHOOL INFORMATION

1.1 **School Name** – Khalsa College Public School, Heir

**Complete Address** – V.P.O Heir, Airport Road Amritsar, 143101

**Phone number** - 9878003809

**Email ID**- kcpsheir@gmail.com

**Website** – [www.kcpsheir.in](http://www.kcpsheir.in)

1.2 **Name of the Principal**: Ms. Gurinderjeet Kamboj

**Contact No.:** 9876180610

**Email ID:** [kambojgurinderjeet@gmail.com](mailto:kambojgurinderjeet@gmail.com)

1.3 **School Details:**

**Year of Affiliation:** 2014

**Affiliation No.:** 1630881

**School Code:** 20854

**Type of School** (Please tick the correct option):

- Middle/Secondary/Senior Secondary – Secondary
- Boys/Girls/Co-Education - Co-Education
- Day School/Day Boarding/ Residential- Day School
- (May tick more than one option)
- No. of Students: 472 (Total)
- **Location type:** Urban/Rural/hilly areas: Rural
- Is the school a Minority School? No



#### **1.4 Number of Students on Roll (Class-wise): Class Pre- Primary**

Class	Pre- Primary	I	II	III	IV	V	VI	VII	VIII	IX (A)	IX (B)	X
	89	36	43	37	42	36	40	41	39	22	21	26

#### **1.5. School Academic Performance:**

(a) Pass Percentage during the last Academic Session:

Class	Number of students appeared	Number of students passed	Pass percentage
Pre – Primary	84	84	100%
I	40	40	100%
II	34	34	100%
III	42	42	100%
IV	31	31	100%
V	42	42	100%
VI	43	43	100%
VII	39	39	100%
VIII	43	43	100%
IX	32	32	100%
X	28	28	100%

b) Board Examination at a Glance

Class	Number of students appeared	Number of students Passed	Pass percentage	Number of students with 10 CGP/ marks between 91% to 100%	Number of students with A2/ marks between 81% to 90%
X	28	28	100%	1	6



### 1.6. Overall School Performance of the Current/ Previous Academic Session

Our School has a long tradition of academic excellence and our team of teachers and support staff take great pride in providing a safe and secure learning environment. We offer abundant opportunities for Co- curricular development in theatre, sports, arts and community services. We provides holistic education and equal opportunities for developing the creative facilities of our students through various activities.

### 1.7 Key Strengths of the School

When teachers and students both know their strengths only them they can be productive and various out comes be achieved. Self-esteem and self confidence Is improved to empower the students as lifelong learners. Every teacher work as a caring educator who give his/her best to make every child an engaged learner. All the decisions taken by The Principal are students centered and teachers are also provided with necessary support and training to grow each year.

### 1.8. Staff details:

Principal	1
Supervisor	1
Regular Teachers	11
Adhoc Teachers	4
Music Teacher	1
NTT	1
PTI	1
Librarian	1
Accountant/ Clerk	1
Assistant	1
Driver	1
Gardener	1
Peon	1
Gate Keepers	2
Sweepers	3
<b>Total</b>	<b>31</b>



## **2. ANNUAL PEDAGOGICAL PLAN (2019-20)**

### **2.1 PEDAGOGICAL PLAN COMMITTEE**

Name	Designation
Mrs . Gurinderjeet Kamboj	Principal
Ms. Deepinder Kaur	Supervisor
Ms. Dimple Sharma	TGT-Teacher
Ms Bhawan Arora	PRT-Teacher
Ms.Manpreet Kaur	PRT-Teacher

#### **2.1.1 PPC Meetings to develop APP**

Stakeholders Consulted	Discussions Held On
Other teaching staff	15 March 2019
Parents	20 April 2019



## **2.2 VISION, MISSION, VALUES, APPROACH & CULTURE**

### **Vision Statement**

Khalsa College Public School, Heir aim to be an institution of excellence, dedicated to being out the best in each child.

- At Khalsa College Public School, Heir we aim to attain the highest academic standard.
- Diverse extra- curricular activities for enriching leisure pursuits.
- To provide stimulating learning environment.
- To successfully launch our students into the world of work.

Our aim to life up to its Motto

### **Mission Statement**

We steps towards inculcating innovation, creativity, eagerness to face challenges and inspire a passive of learning with a hope that we shall overcome.

### **Our Values**

We believe that values education is an integral part of our school and as such needs to be clearly reflected in school policies, code of conduct and school documentation. We have defined four keys values using the acronym 'CARE':  
**COOPERATION:** Cooperation is working together in a team, Contributing and sharing in a helpful way.

**ACHEIVEMENT:** Achievement is striving to attain your personal goals, persisting and giving your best effort.

**RESPECT:** Respect involves taking responsibility for each other. It is about being honest, reliable and trustworthy.

**EMPATHY:** Empathy means trying to understand other people's views or feelings and being supportive and caring towards them.

### **OUR TEACHING LEARNING APPROACH**

Our teaching learning approach is student-centered. Our goal is to empower students to be life-long learners with the skills and knowledge to work in a complex world. We also encourage our teaching staff to engage with research about how students learn and the effective use of digital tools in relation to:

- Discipline knowledge
- Connected learning
- Experiential Learning
- Professional competency



The background of the page is a faded image of a school building with a yellow facade and a garden area with green grass, trees, and a blue playground structure.

## Culture

Keeping in mind that to create, builds and sustain positive school culture is very important school's aspect.

- We have created Such an atmosphere that all feel valued, Staff and students alike, as when students feel liked and respected by, their teachers, they find more success in school, academically and behaviorally all staff members have positive relationship focusing on strong foundation for positive experiences and learning to take place.
- We have consistent shared Vision all are being treated in the same manner as everyone else, regardless to their religions, customs and believes. All are respected and treated equally.
- We encourage students to have positive interactions with each other and to support one another.
- Students feel empowered in the school. They feel comfortable asking questions or engaging in respectful debates, communicating disagreement successfully.



## **2.3 Goals**

### **2.3.1 Goals to be achieved – annual and long term.**

- Provide students with good quality all rounded education from Nursery level to 10 that will.
- Develop mastery of essential subject specific skills in literary, numeracy, science, geography, history, art, music, physical education. It and technology.
- Promote active learning approach and the use of new technologies to help students to improve their work habits and to take responsibility for their own learning.
- Create positive learning environment in which children feel safe. Where discipline is firm but not repressive.
- Identify and respond to individual needs and provide appropriate educational programme enabling all children to achieve full potential.
- Facilitate ideas are inculcated in students as regards personal hygiene, neatness of uniforms, cleanliness of surroundings, graceful manners, obedience and discipline.

To achieve high academic standards, personal attention is given to each individual child to inculcate.



## **2.4 ACADEMIC RESOURCES**

<b>Name of Resource</b>	<b>Segment Pre-primary/ Primary/ Secondary</b>	<b>Usefulness</b>
Activity room	Pre-Primary	Students learn and develop musically, Intellectually socially and emotionally.
Playing area	Pre-primary	Develop imaginations, planning, cognitive skills, math's skills & language skills Through various activities.
Art & craft room	Primary	Promotes their motor skills, the opportunity to create boost their self-confidences they learn to solve artistic challenges.
Science lab	Primary & Secondary	They learn by doing, observing and carry out different experiments, enhances their reasoning skills.
Library	Primary & Secondary	Promotes reading habit among students impact positively on the academic achievement of the students.
Computer lab	Primary & Secondary	Help the students to learn better with technology tools. It remains the center for most computing activity in school.
S.St lab	Primary & Secondary	The models, samples sketches, maps globes and several pictures related to history, geography & civics help the students a lot.
Math's Lab	Primary & Secondary	It help the students to learn beyond the curriculum. Students learn to do through concrete activities thus lays foundation for more abstract thinking.



## **2.5 IN-SERVICE TEACHER TRAINING( TOPIC AND SCHEDULE)**

<b>No</b>	<b>Teacher Training Topic/Activity</b>	<b>Proposed Date/Week/Month</b>
1.	Workshop on Use of ICT in Teaching-Learning	18 May 2019
2.	Capacity building program on psychology	9,10 August 2019
3.	Workshop on Inclusive education	10 August 2019
4.	Workshop on Adolescent education	28 August 2019
5.	Stress Management	14 September 2019
6.	Workshop on Stress management	30 August 2019
7.	ਅਧਿਆਪਕ ਤੇ ਅਧਿਆਪਨ ਇਕ ਨਵਾਂ ਪਰਿਪੇਖ	12 September 2019



## **2.6 WELLNESS ACTIVITIES**

Name of the activities planned for Well-being of pupils

<b>Month/Week/Date</b>	<b>Type of Activity</b>	<b>Objectives</b>
26 July	Yoga	To enable the students to have good health. To practice mental hygiene.
12 April	Dance	To give chance To every students to dance and enjoy expressing themselves through music.
17 May	Create your own story (story – telling)	Have fun with the characters and plot and enjoy expressing your ideas through story telling.
16 August	Play basket ball	To build bones, strength and motor skills, whilst improving the space awareness and confidence.
27 September	Quiz Competition	To gauge the skills, abilities and knowledge of students.
18 October	Book reading	To expand imagination and help the students to create new ideas.
15 November	Cooking without fire	To create awareness about the nutritional value of food cooked without fire.
27 December	Meditation breaks	To build skills to manage your stress, increasing patience & tolerance.



## **2.7 COMMUNITY OUTREACH**

<b>MONTH</b>	<b>ACTIVITY/PROJECT</b>	<b>OBJECTIVES</b>
APRIL	Donate old books to library	<ul style="list-style-type: none"><li>*To create an environment of care and compassion.</li><li>*To identify the needs of each child.</li></ul>
JUNE	Tree plantation	<ul style="list-style-type: none"><li>*To improve the quality of the natural environment.</li><li>*To create an environmental awareness among the students.</li><li>*To make a pollution free earth.</li></ul>
SEPTEMBER	Swachhta Pakhwada	<ul style="list-style-type: none"><li>*To make students aware of healthy sanitation practices by bringing behavioral changes in people.</li><li>*To encourage them to separate wet and dry garbage.</li><li>*To emphasize on the fact that clean mind and body reside in clean environment.</li></ul>
NOVEMBER	Make first aid kit for homeless shelters	<ul style="list-style-type: none"><li>*To give necessary aid before medical help arrives.</li><li>*To ensure accessibility and portability of first aid materials in cases of emergency.</li></ul>
JANUARY	Organize awareness campaign on child labour	<ul style="list-style-type: none"><li>*To protect children from slavery , abuse, neglect and exploitation.</li><li>* To empower the urban poor family to fulfill their parental care role towards their children.</li></ul>



### **3. COORDINATION WITH PARENTS**

Parents & teachers are the stake holders in the development of the student and a close association between them. It is an effective way for parents and teachers to interact and discuss about their Child's progress P.T.M is a regular feature of Khalsa College Public School, Heir.

#### **P.T.M at Pre- primary level:-**

\* Not only academic part is discussed but various other matters are also discussed.

1. The teacher ensures the parents they their words must bring variety & nutritious food in tiffin's. And no junk food should be provided to them.
2. To make the parents aware about the proper & timely vaccination of their words.
3. To help them in developing good habits in all spheres.
4. To check their diaries and sign them daily and ensure that the instructions are being followed properly.
5. As early childhood education us more about social and emotional development than academic. Various aspect about student's behavior with peers, teachers and other society members are discussed and various remedies are discussed.

#### **P.T.M at Primary level**

1. Here our prime concern is to shape a child in to an integrated personality. P T M provides this big opportunity to work for the child. To know and to work for purification and modification of students.

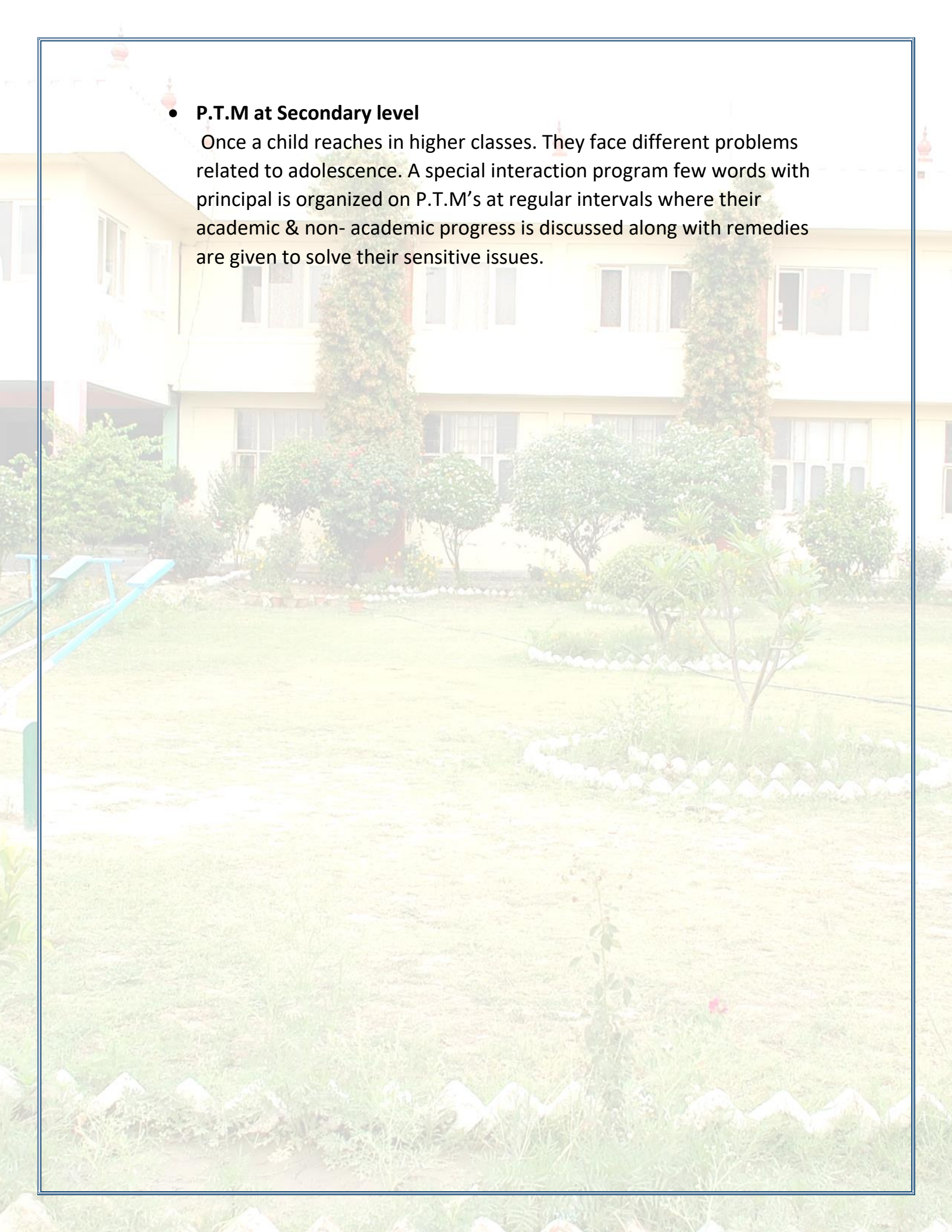
Performance and to ensure best academic and non-academic performance of child.

- Parents discuss with the teachers, their concerns and hopes for their child's future.
- Teachers discuss about the strengths weaknesses of the child, and make several modifications and devise new ways to make students understand and learn more effectively.
- They also discuss several issues that they feel are hindering their child's learning.



- **P.T.M at Secondary level**

Once a child reaches in higher classes. They face different problems related to adolescence. A special interaction program few words with principal is organized on P.T.M's at regular intervals where their academic & non- academic progress is discussed along with remedies are given to solve their sensitive issues.





#### **4. COLLABORATION WITH OTHER SCHOOLS**

<b>MONTH</b>	<b>ACTIVITY</b>	<b>LEARNING OBJECTIVES</b>	<b>PROPOSED SCHOOLS FOR COLLABORATION</b>
SEPTEMBER	Volleyball	*To enable the students to work in team and play within the rules.	Guru Kalgidhar Public School, Dalam(ASR)
October	Declamation	*To enhance public speaking skills and sparking healthy positive competition.	Khalsa college public school,G.T.Road
November	Poem recitation competition	*to enable the students to enjoy the recitation of the poem. *to develop the student's imagination power.	Khalsa College Girls Sen. Sec School School, Amritsar
August	Painting competition	*to develop artistic skills. *to support their their creativity and innovative ideas .	Khalsa College Sen Sec School.
December	Role play	*to develop manipulate body movements and facial expressions to convey appropriate emotion .	Khalsa college public school,G.T.Road
June	Shabad gayan	to develop enthusiasm and asthetic ability in students. They will feel peace and calm by reciting shabads.	Khalsa College Sen Sec School, Amritsar



## 5. PEDAGOGICAL STRATEGIES

### 4.1 E V S/SCIENCE

Class	Pedagogical Strategies	Activity	Learning outcomes
1 <sup>st</sup>	Observe and explore the immediate surroundings i.e. home, school and neighborhood for different objects / plants/animals / birds for their concrete/simple observable physical features.	worksheets	Identifies simple observable features.
2 <sup>nd</sup>	Ask the questions and discuss with family members/ elders as to why some family members stay together and others are away interact with relatives, friends etc.	worksheet on relationship	Identifies relationship with and among family members in extended family.
3 <sup>rd</sup>	(i) Perform simple activities / experiments to observe/ smell/taste/feel/hear using different senses as per their abilities to identify/classify/differentiate between objects/features. (ii) Carry out projects such as taking care of plants, feed birds/animals.	Lab – Activity on sever-organs  Field Trip	Guesses properties estimates quantities of materials.  Shows secretively for plants, animals, and the elderly, differently abled and diverse family set ups in surroundings (e.g.- diversity in appearance.
4 <sup>th</sup>	<ul style="list-style-type: none"> <li>Ask questions and discuss with family members/elders as to why some family members stay together and others are away interact with relatives, friends etc.</li> <li>Collect object/ materials from their surroundings such as fallen flowers, spices,</li> </ul>	Worksheet on relationships  Preparation of Herbarium	Identifies relationship with and among family members in extended family.  Identify simple features of flowers, birds, seeds etc and know their functions.



	seeds, feathers, pictures and stick them on scrap book.		
5 <sup>th</sup>	Conduct activities / simple experiments to check the properties/ features of different object/ seeds.	Germination of seed	Record observations/experienced information in an organized manner (in tables / sketches/predict pattern in activities.
6 <sup>th</sup>	Pose questions and find answer through reflection, discussion, role play.	Role play on Different Food nutrients	Conducts simple Investigations to seek answers queries. eg- What nutrients are present in animal fooder. Can all physical changes be Reversed?
7 <sup>th</sup>	<ul style="list-style-type: none"> <li>Explore surroundings, natural processes, phenomena using sense viz seeing, touching, tasting, smelling, and hearing.</li> <li>Record the observations during the activity, experiments, surveys, field trips etc.</li> <li>Analyze recorded data, interpret results and draw interference/ make generalizations and share findings with peers and adults.</li> </ul>	<ul style="list-style-type: none"> <li>*Role play</li> <li>*Experiment s</li> <li>*Preparing temporary slides</li> <li>*Observing permanent slides</li> </ul>	*Identifies materials and organisms, types of teeth, mirrors and lenses, on the basic of observables
8 <sup>th</sup>	<ul style="list-style-type: none"> <li>Explore surroundings , natural processes , phenomena using senses viz. seeing, touching , tasting , smelling , hearing.</li> <li>Record the observations during the activity, experiments , surveys etc.</li> </ul>	<ul style="list-style-type: none"> <li>*Experiment s</li> <li>*Preparing temporary slides</li> <li>*Drawing well-labelled diagrams.</li> </ul>	<ul style="list-style-type: none"> <li>*Writres word equations for chemical reactions eg. reactions of metals and non-metals with air , water and acids.</li> <li>*Draws labelled diagrams.</li> <li>*Constructs models using materials from</li> </ul>



	<ul style="list-style-type: none"> <li>Analyse recorded data interpret results and draw inference and share findings with peers and adults.</li> </ul>	*Model making	<p>surroundings and explain their working.</p> <p>*Prepares slides of onion peel , human cheek cells etc. and describes their microscopic features.</p>
9 <sup>th</sup>	<ul style="list-style-type: none"> <li>Pose thought – provoking questions which inspire the students to think for themselves and become more independent learners.</li> <li>Record the observations during the activity , experiments , surveys , field trips etc.</li> <li>Analyse recorded data, interpret results and make generalisations.</li> </ul>	<p>*Experiments</p> <p>*Preparing temporary slides</p> <p>*Drawing well-labelled diagrams.</p>	<p>*Classifies organisms /materials based on properties or characteristics e.g. plant and animal cells , different forms of organisms / life occurring on earth , different types of tissues.</p> <p>*Writes symbols for various elements and chemical formulae of some common salts .</p> <p>*Performs activities like sublimation, filtration, distillation etc.</p>
10 <sup>th</sup>	<ul style="list-style-type: none"> <li>Explore surroundings , natural processes , phenomena using senses viz. seeing, touching , tasting , smelling , hearing.</li> <li>Pose questions and find answers through reflection , discussion and performing appropriate activities , role plays , debates etc.</li> <li>Record the observations during the activity , experiments , surveys , field trips etc.</li> </ul>	<p>*Experiments</p> <p>*Preparing temporary slides</p> <p>*Drawing well-labelled diagrams.</p> <p>*Role-play</p>	<p>*Writes chemical equations for chemical reactions e.g. combination , decomposition , precipitation, displacement reactions.</p> <p>*Performs experiments like refraction of light through glass slab , dispersion of light through prism.</p> <p>* Draws labelled diagrams and make models.</p> <p>*Plots and interprets graphs e.g. VI graph based on Ohm' laws.</p>



## 4.2 ENGLISH

CLASS	PEDAGOGICAL STRATEGIES	ACTIVITIES	LEARNING OUTCOME
I	<ul style="list-style-type: none"><li>*Develop phonemic awareness through activities focusing on sounds, emerging from the words in stories and texts.</li><li>*Using greetings like , “good morning” , “thank you” and have polite conversations in English like ‘what is your name?’, ‘How are you?’etc.</li><li>*Recite collectively poems with action.</li></ul>	Poem recitation competition Worksheets	The students are able to: <ul style="list-style-type: none"><li>*recite the poems with actions.</li><li>*Listens to English words, greetings, polite forms of expressions, simple sentences and use them in their daily conversation.</li></ul>
II	<ul style="list-style-type: none"><li>*Enrich vocabulary in English mainly through telling and re-telling stories/folk tales.</li><li>*Encourage the students to speak and write few lines on simple topics.</li></ul>	Spell Be Reading masters Worksheets	The students are able to: <ul style="list-style-type: none"><li>* express their ideas and respond to others.</li><li>*respond to comprehension questions related to stories and poems.</li></ul>
III.	<ul style="list-style-type: none"><li>*Encourage the students to participate in role-play , enactment of skills.</li><li>*Recite poems in English with intonation.</li><li>* Read the text with proper expressions and punctuation.</li><li>*Enrich vocabulary in English through listening to and reading stories /folk tales.</li></ul>	Fancy dress competition Show and tell activity	The students are able to: <ul style="list-style-type: none"><li>*Write well critically and creativity.</li><li>* Read , understand , analyze , interpret the text.</li><li>* Identifies characters and sequence of events in text or in story.</li></ul>



IV	<ul style="list-style-type: none"> <li>*Encourage them to participate in classroom discussions on question based on the day to day life and texts.</li> <li>*Encourage them to start using dictionary to find out spelling and meaning.</li> <li>* Encourage them to participate in role play , enactment , dialogue and dramatization of story read and heard.</li> </ul>	Role play solve crossword puzzles	The students are able : <ul style="list-style-type: none"> <li>*to add new vocabulary</li> <li>*to infer the meaning of unfamiliar words from the context while reading a variety of texts.</li> <li>* to enact different roles in shorts skills.</li> <li>* to use dictionary to find spelling and meaning.</li> </ul>
V	<ul style="list-style-type: none"> <li>*Encourage them to look at print-rich environment such as newspaper, signs and directions in public pamphlets etc.</li> <li>*use inductive and deductive method to teach grammar topics.</li> </ul>	conduct short interviews Declamation worksheets	The students are able to: <ul style="list-style-type: none"> <li>* answers coherently in written or oral form to questions in English based on day-to-day life experiences .</li> <li>* use meaningful grammatically correct sentences to describe and narrate incidents.</li> </ul>
VI	<ul style="list-style-type: none"> <li>*Encourage them to become familiar with poems/prose in English through input-rich environment , interaction , classroom activities, discussions etc.</li> <li>*Encourage them to participate in individual talk viz. introducing oneself and other persons .</li> </ul>	Role play Worksheets related to grammar topics.	The students are able to : <ul style="list-style-type: none"> <li>*use meaningful sentences to narrate factual imaginary situations in speech and writing.</li> <li>* bulid confidence to speak.</li> </ul>



	<ul style="list-style-type: none"> <li>* Encourage them to discuss the ideas of the text for critical thinking.</li> <li>*use ICT to browse new information.</li> </ul>		
VII	<ul style="list-style-type: none"> <li>*Cooperative learning</li> <li>*use inductive and deductive method to teach grammar topics</li> </ul>	Debate Story telling competition Worksheets	<ul style="list-style-type: none"> <li>*Speak clearly , effectively and appropriately.</li> <li>*uses appropriate grammatical forms in communication.</li> </ul>
VIII	<ul style="list-style-type: none"> <li>*Employ gestures for added emphasis</li> <li>*Stress high-frequency vocabulary</li> <li>*Use fewer idioms and clarify the meaning of words or phrases in context.</li> </ul>	Play word association Role play Story telling activities	<ul style="list-style-type: none"> <li>*The ability to write well-critically , creatively , or both .</li> <li>*Identify main ideas in readings and begin to para-phrase main ideas.</li> </ul>
IX	<ul style="list-style-type: none"> <li>*LSRW-Students need to be equally exercised across content Ares:</li> <li>1. Formation of communicative learning.</li> <li>2. Correcting errors</li> <li>3. Conversation strategies</li> </ul>	Role play Declamation Debate	<ul style="list-style-type: none"> <li>*attempts to write creatively(stories,poems etc.)</li> <li>*Answers coherently in written or oral form to questions in English based on day –today life experiences , unfamiliar story, poem heard or read.</li> </ul>
X	<ul style="list-style-type: none"> <li>*Stress high-frequency vocabulary</li> <li>*Students need to be equally exercised in LSRW across content areas.</li> <li>*Language assessments</li> </ul>	Story writing activities Debate	<ul style="list-style-type: none"> <li>*questions coherently in written or oral form to questions in English based on day-today life experiences.</li> <li>*communicate and present ideas and sources accurately and effectively.</li> </ul>



### **4.3 MATHS**

<b>S.no.</b>	<b>PEDAGOGICAL STRATEGIES</b>	<b>ACTIVITIES</b>	<b>LEARNING OUTCOME</b>
1.	<b>ALGEBRA:</b> *Use solved problems to engage students in analyzing algebraic reasoning and strategies. *Teach students to utilize the structure of algebraic representation.	Factorization activity Worksheets HCF,LCM Activity	*to identify variables and constants. *Identify numerical co-efficient and coefficient of variable term.
2.	<b>ARITHMETIC:</b> *Observe the pattern of the graph. Extrapolate to the graph to estimate the next numbers in the series.	Worksheets Number line activity Polar activity	*Apply their knowledge of arithmetic sequences in a variety of contexts. *Apply the relevant formula in both theoretical and practical contexts.
3.	<b>Geometry:</b> *A geometry story to hook them. *kinesthetic movements for geometry. *Geometry chants *Use your classroom as a geometry search zone. *use geoboards.	Models and charts	*Understand geometric terminology for angles , triangles , quadrilateral and circles. *Measure angles using a protractor.
4.	<b>Statistics:</b> *collect information and draw meaningful result in their daily life , using their experience the children may be involved in activities , focusing on data handling.	Histogram and bar graph activity	*Collect raw data and organise it to get useful information. *Able to draw Bar graph histogram and also find mean, median and mode.



## 4.5 COMPUTER

CLASS	PEDAGOGICAL STRATEGIES	ACTIVITY	LEARNING OUTCOMES
1 <sup>st</sup> to 3 <sup>rd</sup>	<ul style="list-style-type: none"> <li>• Learning by doing,</li> <li>• touch and typing,</li> <li>• Brain teasers,</li> <li>• Holding peripherals,</li> <li>• Watch &amp; observe to learn,</li> <li>• play way method</li> <li>• Group learning.</li> </ul>	<p><b>Group Activities:</b> - *</p> <p>Watching Animations,</p> <p>* Scratch &amp; pasting activities.</p> <p><b>Lab Activities :-</b></p> <p>*Using fun tutorial *</p> <p>Usage of software's like Tux typing, MS paint, Notepad.</p>	<p><b>Developed motor skills</b> using typing and clicking activities.</p> <p>Able to answer the questions of 'What' like</p> <p>what is Computer?</p> <p>What are the parts of Computer?</p> <p>What is data? etc.</p> <p><b>Social development,</b></p> <p><b>Developed mental ability,</b></p> <p><b>Knowledge of computer words.</b></p>
4 <sup>th</sup> to 5 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Practical learning,</li> <li>• experiential learning</li> <li>• project work,</li> <li>• conducting presentation sessions,</li> <li>• Group learning.</li> </ul>	<p><b>Group Activities:</b> -</p> <p>*Collection of data to prepare a presentation,</p> <p>* Organizing data either ordered or unordered.</p> <p><b>Lab Activities :-</b></p> <p>*Learn to use application software's like MS word, MS PowerPoint, MS paint, Adobe Photoshop, LOGO.</p>	<p><b>Analytical thinking development:-</b></p> <p>Differentiating peripherals into categories – input &amp; Output</p> <p><b>Development of observational skills:-</b>observe &amp; organize data in different forms.</p> <p>Able to answer the questions of "What, Where and When"</p> <p><b>Development of Critical thinking:-</b></p> <p>Relating daily life examples with theoretical knowledge.</p> <p><b>Language skill development.:-</b> by learning new computer vocabulary.</p> <p><b>Learning shortcuts</b> of keyboard.</p>
6 <sup>th</sup> to 8 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Practical method,</li> <li>• Group learning,</li> <li>• Project work,</li> <li>• Conducting presentation sessions,</li> <li>• Peer tutoring,</li> <li>• Web sessions.</li> </ul>	<p><b>Group Activities:</b> *</p> <p>Collecting data from community and prepare a documentation.</p> <p>*Communicate with peer group using e-mail.</p> <p><b>Lab Activities :</b></p> <p>*Prepare a presentation on any topic.</p>	<p><b>Development of logical thinking:</b></p> <p>Programming skills developed using Computer languages like LOGO, VB, HTML.</p> <p><b>Development of relational ability:</b></p> <p>Able to compare and relate previous Knowlegde with new one.</p>



		<p>*Maintain record in a spreadsheet.</p> <p>*Make a web page using HTML.</p> <p><b>Web Activities:</b></p> <p>*Explore and surfing on web.</p> <p>*Activity on How to Download or Uploading files over the internet.</p>	<p>Able to answer the questions of <b>“What and How”</b></p> <p><b>Development of critical thinking:</b> Able to Critically analyze the components of hardware</p> <p><b>Inculcation of Netiquettes</b> by web activities.</p> <p><b>Development of Exploration Skills</b> using open learning from their community.</p>
9 <sup>th</sup> to 10 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Laboratory Method</li> <li>• Experiential Method</li> <li>• Project Work</li> <li>• Buddy group</li> <li>• Group Discussions</li> <li>• Presentations</li> <li>• Web Sessions</li> <li>• Explorations</li> </ul>	<p><b>Individual Activities:</b></p> <p>*Create a resume using templates in MS Word.</p> <p>*Knowledge of Security over the Internet.</p> <p><b>Lab Activities:</b> Make a documentation / Synopsis of their project using MS Word.</p> <p><b>Web Activities:</b> Create an E-mail account and communicate over it with their peers in the presence of facilitator.</p>	<p><b>Skill Development:</b> Able to solve daily life problems and enhance the capability of desktop applications</p> <p><b>Development of Organizing and Managing Skills:</b> Learn how to organize and manage data in a systematic manner.</p> <p><b>Development of Leadership Skills.</b> <b>Inculcation of Netiquettes</b> by web activities.</p> <p><b>Communication Skills</b> are developed among the students.</p> <p><b>Development of relational ability:</b> Able to compare and relate previous knowledge with new one.</p> <p>Able to answer the questions of <b>“What, How &amp; Why”</b></p>



## 5. Lesson Planning

Subject: Information Technology- 402			Class: 10 <sup>th</sup>
Month	Chapter	Activities	Learning Outcomes
APRIL	Functional English	Group Discussion, Role Play, Conducting Mock Interview panels, Assignments	<b>Communication Skills</b> are developed among the students. <b>Fluency</b> in English Language, Built up <b>Self Confidence</b> .
MAY	Web Applications	Create an E-mail account and communicate over it with their peers in the presence of facilitator, Quiz on Social Media	<b>Inculcation of Netiquettes</b> by web activities. <b>Enhance the Knowledge</b> of Internet and Social Media. Learn <b>E-Commerce</b> , <b>E- Banking</b> , <b>E- Booking</b> .
JUNE	Word Processing - I	Make a documentation / Synopsis of their project using MS Word, Assignments.	Ability to <b>create professional documentations</b> using various options (Menu Bar) available in MS Word.
JULY	Word Processing -II	Create a resume using templates in MS Word, Quiz on MS Word	<b>Typing Skills</b> will be developed. Knowledge of various <b>Keyboard shortcuts</b> .
AUGUST	Spreadsheet - I	Collection of data related to Inventory/ any bill purchasing. Make calculations & Represent it in a form of table.	<b>Development of Organizing and Managing Skills:</b> Learn how to organize and manage data in a systematic manner.
SEPTEMBER	Spreadsheet - II	Represent Tabular data in form of graphs and charts.	Development in <b>Logical Thinking</b> . <b>Ability to co-relate</b> the various components and create new one is developed.
OCTOBER	Digital Presentation	Collection of data from society and present a seminar on topic using slide show.	Learn about designing of data and <b>graphical representation</b> of data. <b>Inserting Animations</b> , Movie Clips into Slides.



<b>NOVEMBER</b>	<b>Database Development</b>	Assignments, Practice Basics using Apache Open Office – Database Object Forms, Tables	Basic Knowledge of database Manage System- Its types, attributes and uses. <b>Development of relational ability.</b> Able to answer the questions of “What, How & Why”
<b>DECEMBER</b>	<b>Project Work</b>	Collect data on any topic of their interest, Create Presentation along with its Synopsis.	<b>Skill Development:</b> Able to solve daily life problems and enhance the capability of desktop applications. Decision Making Ability is developed.



ਵਿਸ਼ਾ : ਪੰਜਾਬੀ		ਜਮਾਤ : ਦਸਵੀਂ	
ਮਹੀਨਾ	ਵਿਸ਼ੇ	ਗਤਿਵਿਧੀਆਂ	ਸਿੱਖਣ ਨਤਿਜੇ
ਅਪ੍ਰੈਲ	ਪਾਠ ਪੁਸਤਕ *ਗਾਉੜੀ ਬੈਰਾਗਿਣ ਵਿਆਕਰਣ: *ਸਮਾਸੀ ਸ਼ਬਦ	*ਸਾਖੀਆਂ ਸੁਣਾਉਣਾ *ਸਮਾਸੀ ਸ਼ਬਦਾਂ ਦੇ ਅਰਥਾਂ ਦੀ ਕ੍ਰਮਬਧਤਾ ਦਸਣੀ	*ਵਿਦਿਆਰਥੀ ਹੰਕਾਰ, ਹੀਨ –ਭਾਵਨਾ ਆਦਿ ਭਾਵਨਾਵਾਂ ਤੇ ਮੁਕਤ ਹੋ ਕੇ ਸੇਵਾ ਸਬਰ ਸੰਤੋਖ ਅਤੇ ਗੁਰ –ਚਰਨਾ ਨਾਲ ਜੁੜਣਗੇ।
ਮਈ	ਪਾਠ ਪੁਸਤਕ *ਗੁੰਮ ਨੇ ਰਸੋਈ ਵਿਚੋਂ * ਆਦਤਾਂ * ਮੈਂ ਕਿਸੇ ਤੇ ਘੱਟ ਨਹੀਂ	*ਪੁਰਾਣੀਆਂ ਵਸਤੂਆਂ ਜਮਾਤ ਵਿੱਚ ਲਿਆ ਕੇ ਓਹਨਾ ਬਾਰੇ ਦਸਣਾ *ਆਪਣੇ ਸਹਪਾਠੀ ਦੀਆਂ ਚੰਗਿਆ ਆਦਤਾਂ ਬਾਰੇ ਦਸਣਾ।	* ਵਿਦਿਆਰਥੀ ਆਪਣੇ ਵਿਰਸੇ ਨਾਲ ਜੁੜਣਗੇ। *ਆਪਣੇ ਵਿਚਾਰ ਦਸਣਗੇ। *ਸਵੈ-ਵਿਸ਼ਵਾਸ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ।
ਜੁਲਾਈ	ਪਾਠ ਪੁਸਤਕ *ਗੁਰੂ ਉਪਦੇਸ਼ *ਬੇਬੇ ਰਾਮ ਭਜਨੀ ਵਿਆਕਰਣ: *ਮੁਹਾਵਰੇ	*ਵਿਚਾਰ ਵਿਟਾਂਦਰਾ (ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ) *ਨਾਟਕ *ਮੁਹਾਵਰੇਆਂ ਤੇ ਵਾਕ ਮੁਕਾਬਲਾ	* ਵਿਚਾਰ ਪੇਸ਼ ਕਰਨ ਵਿੱਚ ਸਹਾਈ। *ਮੁਹਾਵਰੇਆਂ ਦੀ ਸਹੀ ਢੰਗ ਨਾਲ ਵਰਤੋਂ ਕਰਨੀ ਸਿੱਖਣਗੇ।
ਅਗਸਤ	ਪਾਠ ਪੁਸਤਕ *ਮਾਣਪੰਜਾਬੀ ਦਾ *ਪੱਛੇ ਦੀਆਂ ਪੈਣ ਕਣੀਆਂ ਵਿਆਕਰਣ: *ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ	*ਕਵਿਤਾ ਉਚਾਰਨ ਮੁਕਾਬਲਾ *ਵਿਚਾਰ ਵਿਟਾਂਦਰਾ (ਯਾਤਰਾਵਾਂ ਬਾਰੇ) *ਅਸਾਇਨਮੈਂਟ	* ਸਵੈ-ਵਿਸ਼ਵਾਸ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ *ਸਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ।

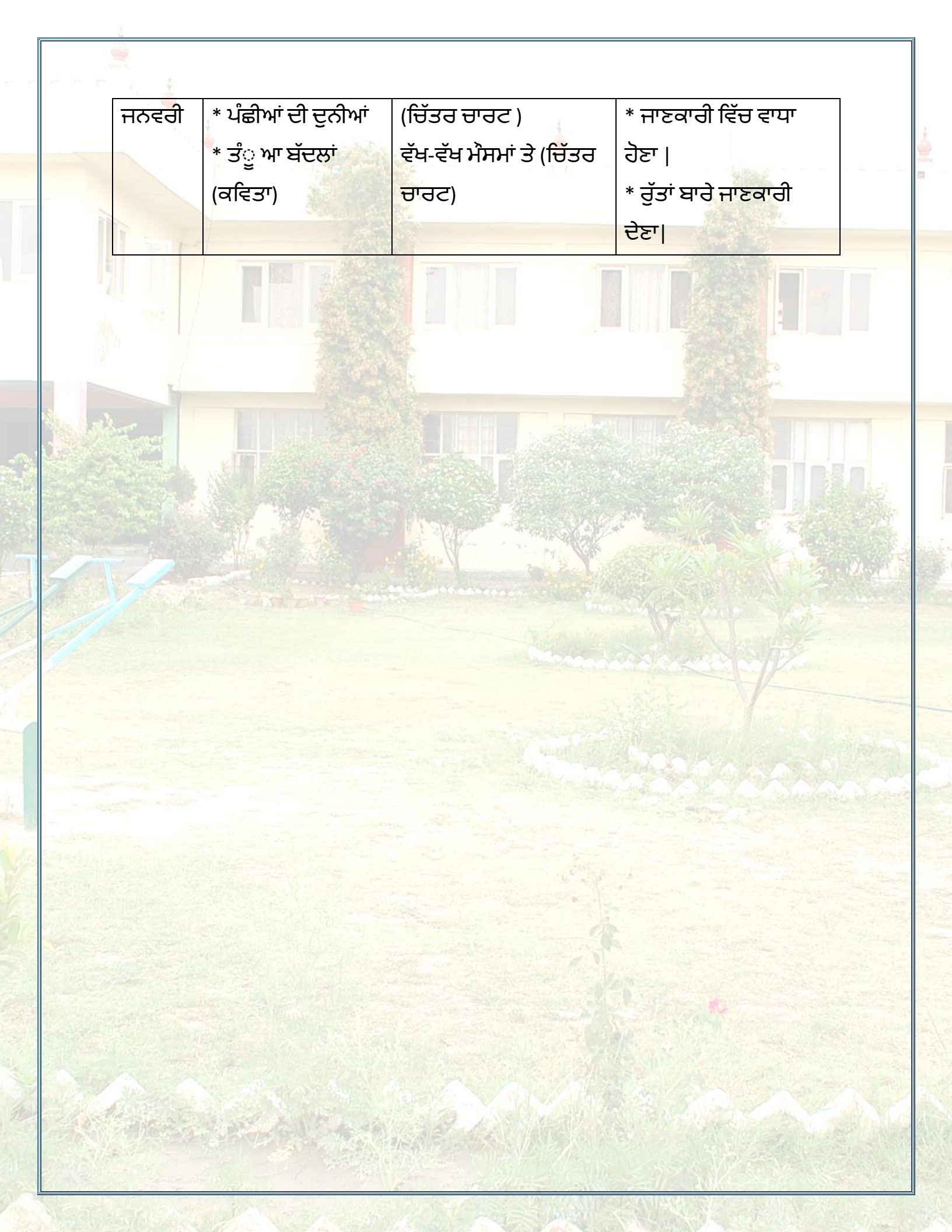


	*ਅਗੇਤਰ ਪਿਛੇਤਰ		
ਸਤੰਬਰ	ਪਾਠ ਪੁਸਤਕ *ਉਡਣਾ ਸਿੱਖ *ਦੁਸ਼ਮਣੀ ਵਿਆਕਰਣ: *ਚਿਤਰ ਰਚਨਾ / ਇਸ਼ਤਹਾਰ ਰਚਨਾ	* ਵਿਚਾਰ ਵਿਟਾਂਦਰਾ(ਮਿਲ੍ਖਾ ਸਿੰਘ ਬਾਰੇ ) *ਚਲੰਤ ਮਾਮਲਿਆ ਵਿੱਚ ਦੁਸ਼ਮਣੀ ਨਾਲ ਸਬੰਧਿਤ ਅਖਬਾਰਾ ਦੀਆਕਾਟਾ ਨਾਲ ਸਬੰਧ ਕਰਾਉਣਾ। *ਲੇਖ ਮੁਕਾਬਲਾ	*ਮੇਹਨਤ ,ਲਗਨ , ਸਾਹਸ ਸਵੈ-ਵਿਸ਼ਵਾਸ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ। * ਸਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ।
ਅਕਤੂਬਰ	ਪਾਠ ਪੁਸਤਕ *ਅਣਥੱਕ ਵਿਗਿਆਨੀ *ਕਲਾਤਮਕ ਰੁਚੀਆ ਵਿਆਕਰਣ: *ਪਤਰ ਰਚਨਾ	*ਭਾਸ਼ਣ ਮੁਕਾਬਲਾ * ਅਸਾਇਨਮੈਂਟਸ *ਪਤਰ ਲਿਖਣੇ	* ਸਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ। * ਪਤਰ ਲਿਖ ਵਿੱਚ ਸਹਾਈ ।
ਨਵੰਬਰ	ਪਾਠ ਪੁਸਤਕ *ਬੀਬੀ ਭਾਨੀ ਜੀ ਵਿਆਕਰਣ: *ਬਹੁ ਆਰਥਕ ਸ਼ਬਦ *ਲੇਖ ਰਚਨਾ	*ਨਾਟਕ ਖੇਡਣਾ * ਵਾਦ ਵਿਵਾਦ ਮੁਕਾਬਲਾ *ਸਬਦਾ ਦੀ ਭਿੰਨ ਭਿੰਨ ਵਰਤੋ ।	* *ਮੇਹਨਤ ,ਲਗਨ , ਸਾਹਸ ਸਵੈ-ਵਿਸ਼ਵਾਸ ਦੇ ਗੁਣਾ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ।
ਦਸੰਬਰ	ਪਾਠ ਪੁਸਤਕ *ਹੈਕੜ ਤੇ ਹਉਮੈ ਦੀ ਮਾਰ *ਪੰਜਾਬ ਦੇ ਲੋਕ ਗੀਤ *ਇਅਰ ਫੇਨ	* ਕਹਾਣੀ ਸੁਣਾਉਣ ਮੁਕਾਬਲਾ *ਵਿਚਾਰ ਚਰਚਾ (ਮੇਬਾਇਲ ਫੇਨ ਦੀ ਵਰਤੋ ) *ਚਾਰਟ (ਲੋਕ ਗੀਤ )	* ਵਿਦਿਆਰਥੀ ਹੰਕਾਰ, ਹੀਨ –ਭਾਵਨਾ ਆਦਿ ਭਾਵਨਾਵਾਂ ਤੇ ਮੁਕਤ ਹੋ ਕੇ ਸੇਵਾ ਸਬਰ ਸੰਤੋਖ ਸਿਖਣਗੇ । *ਵਿਰਸੇ ਨਾਲ ਜੁੜਣਗੇ ।



ਜਮਾਤ : ਦੂਸਰੀ			
ਮਹੀਨਾ	ਪਾਠ ਦਾ ਨਾਂ	ਗਤੀਵਿਧੀ	ਸਿਖਣ ਨਤੀਜੇ
ਅਪ੍ਰੈਲ	ਲਗਾਂ ਅਤੇ ਲਗਾਂਖਰ	ਅਸਾਈਨਮੈਂਟ	ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸੁੱਧ ਪੰਜਾਬੀ ਬੋਲਣ ਅਤੇ ਲਿਖਣੀ ਆਵੇਗੀ।
ਮਈ	ਮੇਰਾ ਭਾਰਤ ਮਹਾਨ (ਕਵਿਤਾ)	ਰਾਸ਼ਟਰੀ ਝੰਡਾ ਘਰੋਂ ਬਣਾਉਣਾ।	ਦੇਸ਼ ਭਗਤੀ ਦੀ ਭਾਵਨਾ ਪੈਦਾ ਹੋਵੇਗੀ।
ਜੂਨ	ਲਿੰਗ, ਵਚਨ (ਵਿਆਕਰਨ)	ਅਸਾਈਨਮੈਂਟ	ਬੱਚਿਆਂ ਦਾ ਗਿਆਨ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ।
ਜੁਲਾਈ	ਮੈਂ ਅਤੇ ਮੇਰਾ ਪਰਿਵਾਰ	ਆਪਣੇ ਦਾਦਾ ਜੀ ਬਾਰੇ ਪੰਜ ਲਾਇਨਾਂ ਲਿਖ ਕੇ ਲਿਆਉਣਾ।	ਆਪਣੇ ਪਿਆਰ / ਬਜ਼ੁਰਗਾਂ ਪ੍ਰਤੀ ਪਿਆਰ ਪੈਦਾ ਹੋਵੇਗਾ।
ਅਗਸਤ	* ਸਕੂਲ ਨੂੰ ਜਾਣ ਦੀ ਤਿਆਰੀ * ਤਾਜ਼ੇ - ਤਾਜ਼ੇ ਫਲ ਖਾਓ।	ਚੰਗੀਆਂ ਆਦਤਾਂ ਤੇ ਚਾਰ-ਪੰਜ ਲਾਇਨਾਂ ਫਲਾ ਦਾ ਚਾਰਟ ਬਣਾਉਣਾ।	* ਜਿੰਦਗੀ ਵਿੱਚ ਪੜ੍ਹਾਈ ਦਾ ਮਹੱਤਵ ਸਮਝਣਾ। * ਸਰੀਰਕ ਤੰਦਰੁਸਤੀ ਪ੍ਰਤੀ ਜਾਗਰੂਕ ਹੋਣਾ।
ਸਤੰਬਰ	ਮੇਰਾ ਸਕੂਲ (ਲੇਖ)	ਆਪਣੇ ਸਕੂਲ ਬਾਰੇ ਪੰਜ ਲਾਇਨਾਂ।	ਗਿਆਨ ਵਿੱਚ ਵਾਧਾ ਤੇ ਸ਼ਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਹੋਣਾ।
ਅਕਤੂਬਰ	ਰੰਗਾਂ ਦਾ ਤਿਉਹਾਰ (ਹੋਲੀ)	ਜਮਾਤ ਵਿੱਚ ਹੋਲੀ ਖੇਡਣਾ।	ਇਤਿਹਾਸਿਕ ਜਾਣਕਾਰੀ ਵਿੱਚ ਵਾਧਾ ਹੋਣਾ।
ਨਵੰਬਰ	* ਨਿੱਮ ਦੇ ਲਾਭ * ਗੋਰੀ ਗਾਂ	ਸਕੂਲ ਵਿੱਚ ਨਿੱਮ ਦਾ ਰੁੱਖ ਲਗਾਉਣਾ। ਮੇਰੀ ਗਾਂ ਲੇਖ (5 ਲਾਇਨਾਂ)	* ਰੁੱਖਾਂ ਦੀ ਮਹੱਤਤਾ ਸਮਝਣਾ। * ਜਾਨਵਰਾਂ ਪ੍ਰਤੀ ਸਨੇਹ ਪੈਦਾ ਹੋਣਾ।
ਦਸੰਬਰ	ਬਿਮਾਰੀ ਦੀ ਛੁੱਟੀ ਲੈਣ ਲਈ (ਪੱਤਰ)	ਪੱਤਰ ਲੇਖਣ	ਚਿਠੀਆਂ ਦਾ ਜੀਵਨ ਵਿੱਚ ਮਹੱਤਵ।



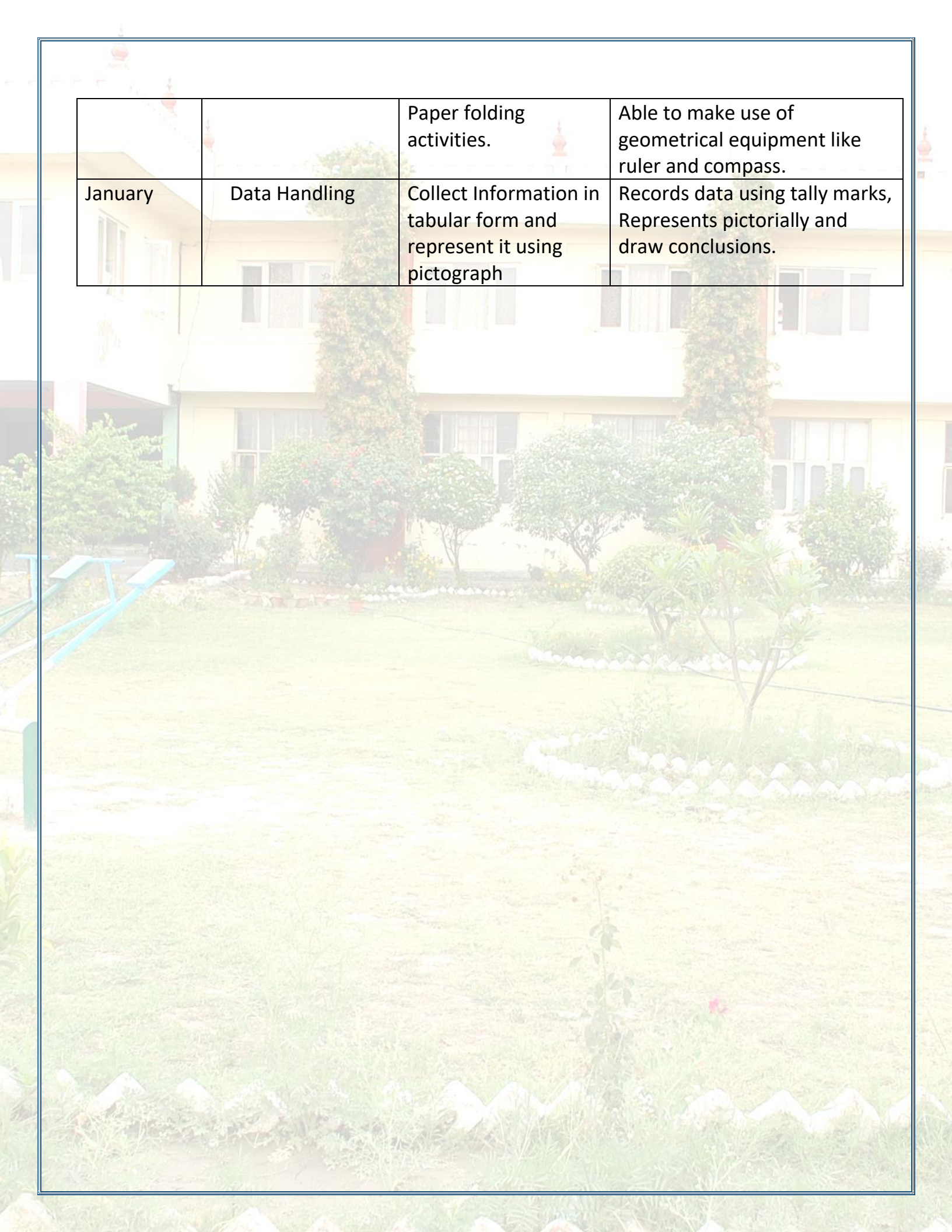


ਜਨਵਰੀ	<ul style="list-style-type: none"><li>* ਪੰਛੀਆਂ ਦੀ ਦੁਨੀਆਂ</li><li>* ਤੰੂ ਆ ਬੱਦਲਾਂ (ਕਵਿਤਾ)</li></ul>	(ਚਿੱਤਰ ਚਾਰਟ ) ਵੱਖ-ਵੱਖ ਮੌਸਮਾਂ ਤੇ (ਚਿੱਤਰ ਚਾਰਟ)	<ul style="list-style-type: none"><li>* ਜਾਣਕਾਰੀ ਵਿੱਚ ਵਾਧਾ ਹੋਣਾ ।</li><li>* ਚੁੱਤਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ।</li></ul>
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Subject: Mathematics		Class: 4 <sup>th</sup>	
Month	Chapter	Activities	Learning Outcomes
APRIL	Numbers and Numeration	Activity on large numbers, Recognize and circle face value and place value, Worksheets	<ul style="list-style-type: none"> <li>Students will be able to: compare numbers and use it in a sequence.</li> <li>Express Hindu Arabic in Roman Numerals and vice-versa</li> <li>Gain knowledge of successor and predecessor.</li> </ul>
MAY	Addition	Puzzle: Arrange numbers in a way that the total of numbers along the diagonal is 15	<ul style="list-style-type: none"> <li>Generalize the properties of addition.</li> <li>Solve simple daily life problems using addition.</li> </ul>
JULY	Subtraction	Online Games , Worksheets , Role Play	<ul style="list-style-type: none"> <li>Solve 4 digit number subtraction with and without carry.</li> </ul>
AUGUST	Multiplication and division	Puzzle: Crack the code. Game: Solve verbally and choose item.	<p>Able to relate Multiplication and Division.</p> <p>Constructs and uses the multiplication facts (tables) of 2-20 in daily life situations.</p>
SEPTEMBER	Fractions	Art Projects, Worksheets, Sharing.	<p>Identifies half, one-fourth in a given picture</p> <p>Represents the fractions as half and one-fourth by using fraction symbol (-).</p>
OCTOBER	Measuring Length and Weight	visit different places and note the distance travelled by them	<p>Create and solve real life simple situations including length and mass using various operations.</p> <p>Learn conversion of units.</p>
NOVEMBER	Measuring Capacity and Time	Drawing Clocks and Drawing timers.	<p>Estimates and measures capacity of any object.</p> <p>Identify time and read calendar and explain day and time.</p>
DECEMBER	Geometry	Lab Activities	Identifies and make 2D shapes.



The background of the page is a photograph of a school building with a yellow facade and multiple windows. In front of the building is a green lawn with several small trees and bushes. A blue play structure is visible on the left side. The entire image is framed by a thin blue border.

		Paper folding activities.	Able to make use of geometrical equipment like ruler and compass.
January	Data Handling	Collect Information in tabular form and represent it using pictograph	Records data using tally marks, Represents pictorially and draw conclusions.



Subject : Social Science			Class: 7 <sup>th</sup>
Month	Contents	Activities	Learning Outcomes
April	1.Environment 2.Tracing changes through a thousand years 3.On Equality	Quiz Creating History corner Group Discussion	Students will be able to check basic concept related to chapter Understand various sources to learn history Identify application of equality in Indian Democracy
May	1.Inside our Earth 2.New Kings and Kingdoms 3.Role of Government 4.How the state government works	Diagram Based Worksheet Map Based worksheet Research Based Worksheet	Students will be able to develop idea about administration of new dynasty Understand complete structure and function of legislative Assembly Develop an Idea about Earth as a dynamic planet
July	1.Our Changing Earth 2.Delhi Sultans 3.Growing up boys and Girls	Role Play Table Based Worksheet	Students will be able to identify kings and their respective dynasties Develop positive thinking toward woman in the society Analyse formation of major Landforms
August	1.Air 2.Water 3.Mughal Ruler 4. Women change the world	Skit Chart Based Worksheet Interview	Students will be able to develop interest in creative learning Understand gender is social construction and not determined by biological difference Causes that influence changes on surface of Earth
September	1.Natural Vegetation 2.Rulers and Building	Chart Based Worksheet MCQ	Students will be able to gain knowledge about different types of forests



			Encourage students to actively contribute by participating in preservation of cultural heritage
October	1.Human Environment 2.Town traders and craft person 3.Understanding Media	Traveller Diary Group Based Worksheet Map Based Worksheet	Students will be able to assume themselves as a traveller and apply their perspective Know how media affect our life Pinpoint major airport and sea port
November	1.Human Environment and interaction 2.Tribes Nomads and settled community 3. Understanding Advertisement	Debate Poster Making Checklist	Students will be able to verbally express their knowledge Know how administration work Understand complex interrelationship of human and natural environment
December	1.Life in temperate grass land 2. Devotional path to divine 3. Market around us	Table Based Worksheet Map Based Worksheet Group Discussion	Students will be able to understand major religious ideas and Bhakti Movements Analyse kinds of services provide by malls Analyse the significance of temperate grassland
January	1.Life in Desert 2.Making of Regional Culture 3.18 <sup>th</sup> century Political Formation 4.A Shirt in Market	Research Based Project Map Based Worksheet MCQ	Students will be able to develop observational and analytical skills Understand level of Market Understand life in deserts

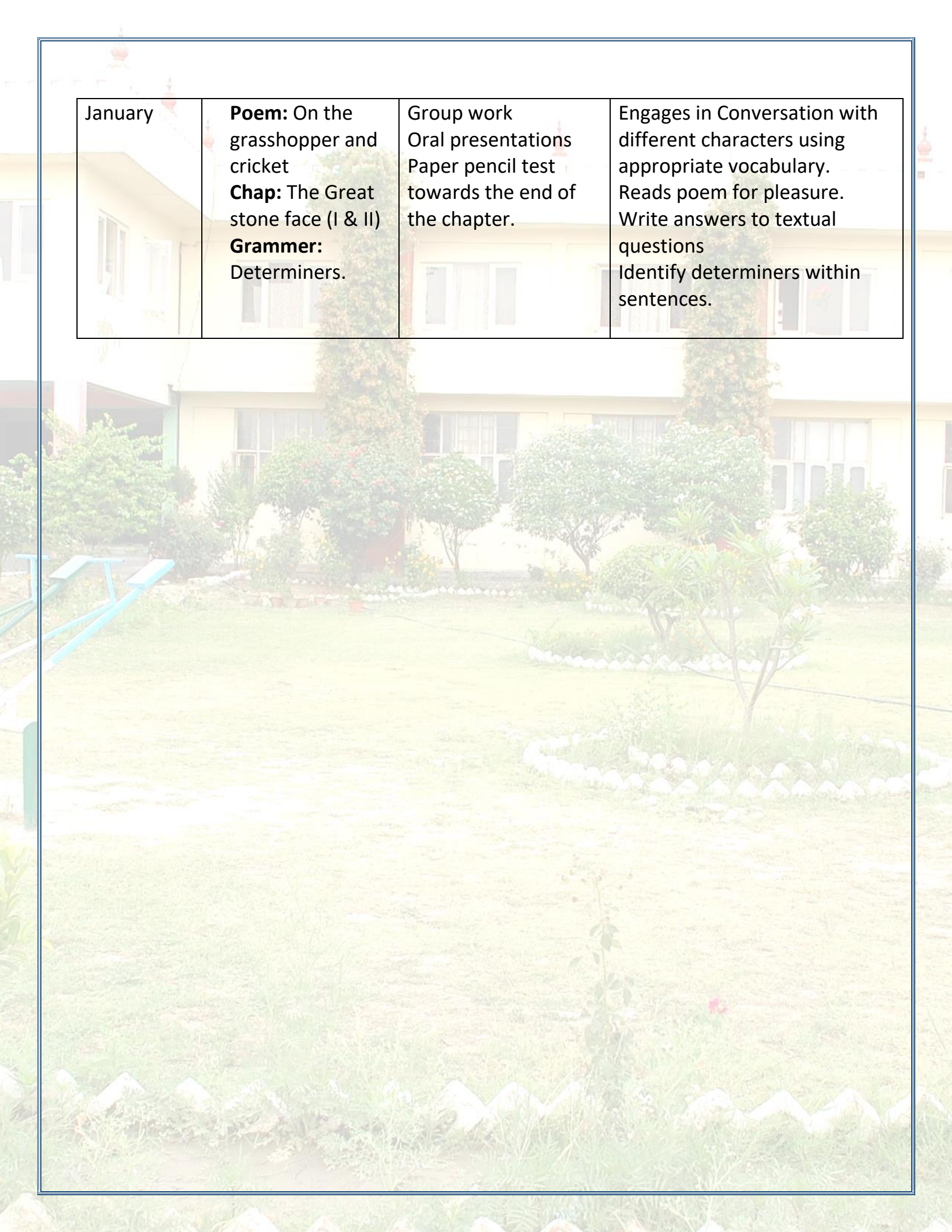


Subject: English		Class: 8 <sup>th</sup>	
Month	Chapter	Activities	Learning Outcomes
APRIL	<b>Chap:</b> The best christmas present in the world. <b>Theme:</b> Values of love and peace <b>Vocabulary</b> Synonyms, Antonyms, Homophones.	Recitation , Group Work, Paper pencil test , Word jumble Race, Spelling Quiz	Writes answers to textual / non textual questions using appropriate vocabulary. Uses polite expressions to communicate.
MAY	<b>Poem:</b> The ant and the Cricket <b>Chap:</b> The Tsunami <b>Grammer:</b> Subject –Verb Agrrement	Group Work Hand on activities Worksheets Paper Pencil Test Observations.	Reads and recites for pleasure, Draws out the central idea of the poem, speaks about the incident, Writes answers to textual/non-textual questions using appropriate vocabulary, Identify the correct errors in subject-verb agreement.
JULY	<b>Poem:</b> Geography Lesson <b>Chap:</b> Glimpses of the past. <b>Grammer:</b> Notice Writing	Poetic Technique Word games and quizzes Creative Writing, Interactive Writing	Critically thinks about the theme. Engages in conversation in English with people from different walks of read. Write notices. Narrate stories of freedom fighters.
AUGUST	<b>Poem:</b> Macavity – The mystry. <b>Chap:</b> BEPIN BABU’S- Lapse of memory, <b>Grammer:</b> Punctuation, active – passive voice	Group Work, Oral presentation/paper pencil test towards the end of the chapter/ Topic Class Exercise. Punctuation Game	Reads and recites for pleasure. Identifies figure of speeches. Participates in Grammer games. Write answers to textual / non- textual questions. Identify the voice of the verb in each sentence.



SEPTEMBER	<b>Poem:</b> The Last Bargain <b>Chap:</b> The Summit Within Diary Personal	Interactive writing, Vocabulary games, Poetic Techniques (Oral presentation)	Identifies main ideas and sequence of events. Writes short personal diary entries. Narrates stories of adventures Language arts – clauses Use Synonyms / antonyms.
OCTOBER	<b>Poem:</b> The school Boy <b>Chap:</b> This is Today's Fawn <b>Grammer:</b> Conjunctions , Prepositions	Recitation Peer work Hand On activities Paper Pencil Test	Attempts exercises and tasks related to the poem. Partipates in grammer games. Able to identify the rhyme scheme and rhyming words. Able to determine whether to use a conjunction or preposition in a text and explain their reasoning.
NOVEMBER	<b>Poem:</b> The duck and the kangaroo <b>Chap:</b> A visit to Cambridge informal letter	Group Work Oral Presentation , Paper Pencil Test towards the end of the chapter / Topic class exercise.	Draws character sketch Vocabulary in the content Infer meanings of unfamiliar words using dictionary Able to identify the rhyme scheme and figure of speech. Able to identify the elements of a letter. Apply the elements to compose a personal letter.
DECEMBER	<b>Poem:</b> When I set for Lyonnesse <b>Chap:</b> The short monsoon Diary <b>Grammer:</b> Degrees of Comparison	Recitation Poetic Techniques Paper – Pencil test Group Work	Identifies the sequence of ideas. Reads and recites for pleasure. Writes meaningful and coherent passage and paragraph Attempt excercises and tasks related to the poem. Uses of positive, caparative and superlative degrees of regular and irregular adjectives.



The background of the page is a photograph of a school building with a yellow facade and white window frames. In front of the building is a green lawn with several trees and shrubs. A blue playground structure is visible on the left side. The entire image is framed by a thin blue border.

January	<b>Poem:</b> On the grasshopper and cricket <b>Chap:</b> The Great stone face (I & II) <b>Grammer:</b> Determiners.	Group work Oral presentations Paper pencil test towards the end of the chapter.	Engages in Conversation with different characters using appropriate vocabulary. Reads poem for pleasure. Write answers to textual questions Identify determiners within sentences.
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SUBJECT-ENGLISH		CLASS-4 <sup>TH</sup>	
MONTH	CONTENTS	ACTIVITIES	LEARNING OUTCOMES
APRIL	READER: Rahul's Decision GRAMMAR: Nouns, nouns: number gender	*Group discussion (choose profession) *Cross word puzzle *Project work (looking around and make a list of nouns)	The students will be able to: *use polite expressions to communicate. *to correct usage of nouns. *Construct sentences effectively.
MAY	READER: when the Moon was Punished. Why and What for you?(poem) GRAMMAR: Pronouns	*Talk-a while *Poem recitation *worksheets on grammar	*share their views and feelings. *recite poems with appropriate expressions and intonations. *identify the gender-specific and singular plural pronouns.
JULY	READER: The brave little Cat.(poem) Bravo Anu GRAMMAR: Adjectives	*Letter detectives *Story telling Competition *Worksheets on grammar	*understand and appropriate content. *build confidence. *write grammatically correct sentences. * identify the correct usage of pronouns. *visualize the different emotions.



AUGUST	<p>READER: The Real Mother Dhruva-the pole star</p> <p>GRAMMAR: Punctuation Antonyms and Synonyms</p>	<p>*Make a thanking card for mothers. *Role play *Project work</p>	<p>* share their views and feelings. *enact role. * use punctuation marks appropriately in writing such as question marks , comas, full stop and capital letters.</p>
SEPTEMBER	<p>READER: Rachit had a dream</p> <p>GRAMMAR: Verbs, three forms of verbs.</p>	<p>*Brain Storming on Save energy. *worksheets</p>	<p>*share their views. *identify the main idea of the content. *correct usage of verbs.</p>
OCTOBER	<p>READER: The missing Hours Betty at the Party (poem)</p> <p>GRAMMAR: Adverbs</p>	<p>*Spell be *worksheet (Dictionary focus) *Poem Recitation competition *Worksheets on grammar</p>	<p>*use dictionary to find out spelling and meaning. * recite poems with appropriate expressions and intonations. *recognize adverbs and distinguish them from other parts of speech.</p>
NOVEMBER	<p>READER: Funny Jaun My Computer , My friend (poem)</p> <p>GRAMMAR: Prepositions</p>	<p>*Role play(funny enactment competition) *Group discussion(benefits of internet) *Worksheets on prepositions</p>	<p>*acts according to instructions. *share their views. * to construct sentences grammatically correct.</p>
DECEMBER	<p>READER: The only son</p>	<p>*Picture based writing</p>	<p>*write their views.</p>



The background of the page features a photograph of a school building with a yellow facade and a red-tiled roof. In the foreground, there is a green lawn with several trees and bushes. A blue play structure is visible on the left side. The entire image is framed by a thin blue border.

	GRAMMAR: Conjunctions, simple tense	*Word power *worksheets	* solve simple puzzles and word games. *use conjunctions to join at least two words.
JANUARY	READER: Alfred Nobel What is a player? (poem) GRAMMAR: Interjections, simple tense	*Group discussion(role models) *Worksheets *Project work	*respond to a variety of questions on familiar and unfamiliar texts.



विषय : हिन्दी		कक्षा : पांचवीं	
महीना	पाठ	गतिविधि	सीखने की संप्राप्ति
अप्रैल	<p><b>कविता :</b> समय बहुत ही मूल्यवान है ।</p> <p><b>पाठ :</b> आग की खोज</p> <p><b>व्याकरण :</b> भाषा और व्याकरण, वर्ण-विचार</p>	<p>सस्वर वचन</p> <p>असाईन्मेंट कार्य</p> <p>प्रश्न उत्तर मुकाबला</p>	<p>*अपनी कल्पना से कहानी, कविता आदि कहते और लिखते हैं</p> <p>*स्कूल के बहर और भीतर अपनी पसंद की किताबों को स्वयं चुनकर पढ़ने का प्रयास करते हैं ।</p>
मई	<p><b>पाठ :</b> शूलपाणी</p> <p><b>व्याकरण :</b> तत्सम - तद्भव , संज्ञा , निबंध लेखन</p>	<p>चित्र इकट्ठा करना और चिपकाना ,</p> <p>असाईन्मेंट कार्य :</p> <p>तत्सम - तद्भव , संज्ञा छांटना</p>	<p>अपनी पुस्तक से सम्पूर्ण सामग्री को समझते हुए पढ़ते और उसके बारे में बताते हैं ।</p> <p>*अपरिचित शब्दों के अर्थ शब्दकोष से खोजते हैं ।</p> <p>*चित्र के सुक्ष्म पहलूओं पर बारीक अवलोकन करते हैं ।</p>
जुलाई	<p><b>कविता :</b> पुष्प की अभिलाषा</p> <p><b>पाठ :</b> एक भारत , श्रेष्ठ भारत</p>	<p>राज्यों के चित्र चिपका कर विशेषताएँ लिखना ।</p> <p>कविता मुकाबला</p>	<p>हिन्दी के वर्णमाला के अक्षरों की आकृत और ध्वनि को पहचानते हैं ।</p>

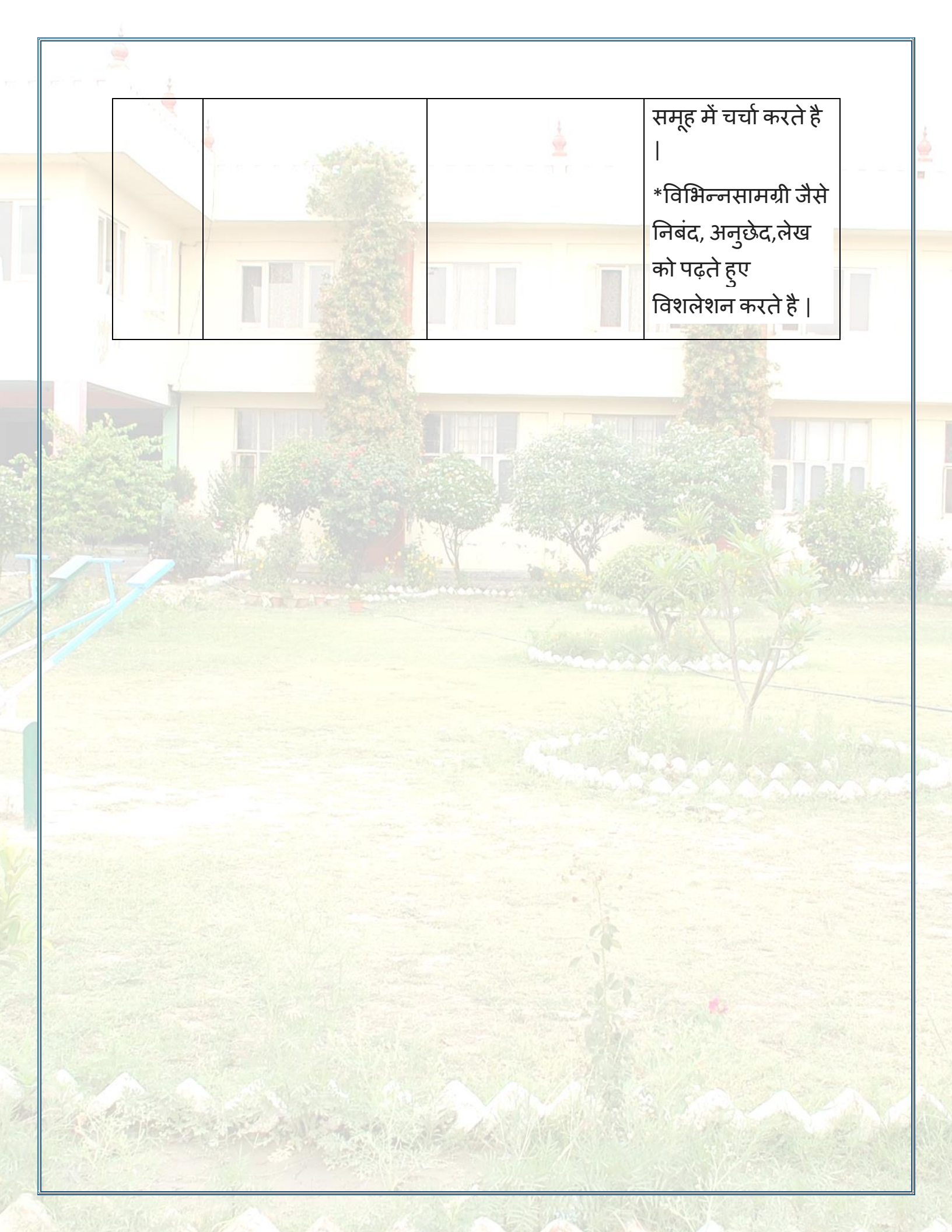


	<b>व्याकरण :</b> लिंग, वचन , कारक , सर्वनाम , पत्र लेखन	प्रस्तुत गद्यांश में से कारक छांटना	*अपनी कल्पना से कहानी, कविता आगे बढ़ते हैं ।  * अपने अनुभवों को अपनी भाषा शैली में लिखते हैं ।
अगस्त	<b>पाठ :</b> तेनाली रामन , अमूल्य उपहार <b>व्याकरण :</b> विशेषण, क्रिया , कहानी लेखन	लेखन मुकाबला , नाटक अभिनय , प्रस्तुत गद्यांश में से क्रिया छांटना	अपनी पुस्तक से सम्पूर्ण सामग्री को समझते हुए पढ़ते और उसके बारे में बताते हैं । *अपरिचित शब्दों के अर्थ शब्दकोष से खोजते हैं ।  *चित्र के सुक्ष्म पहलूओं पर बारीक अवलोकन करते हैं ।
सितम्बर	<b>कविता :</b> दोहे <b>पाठ :</b> प्रथम राष्ट्रपति का बचपन <b>व्याकरण :</b> काल, अविकारी , क्रिया- विशेषण	दोहा मुकाबला चित्र चित्रण प्रस्तुत गद्यांश में से क्रिया -विशेषण छांटना	हिन्दी के वर्णमाला के अक्षरों की आकृत और ध्वनि को पहचानते हैं । *अपनी कल्पना से कहानी, कविता आगे बढ़ते हैं ।



			* अपने अनुभवों को अपनी भाषा शैली में लिखते हैं ।
अक्टूबर	<b>कविता</b> : सुख की कुंजी <b>पाठ</b> : बैक्टीरिया <b>व्याकरण</b> : पर्यायवाची , विलोम शब्द , भिन्नार्थक शब्द , अनेकार्थी शब्द , अनेक शब्दों के लिए एक शब्द	चार्ट बनाना , कविता मुकाबला, वर्क शीट , प्रस्तुत गद्यांश में से भिन्नार्थक शब्द , अनेकार्थी शब्द छांटना	अपनी पुस्तक से सम्पूर्ण सामग्री को समझते हुए पढ़ते और उसके बारे में बताते हैं । *अपरिचित शब्दों के अर्थ शब्दकोष से खोजते हैं । *चित्र के सुक्ष्म पहलूओं पर बारीक अवलोकन करते हैं ।
नवम्बर	<b>पाठ</b> : शेर और लड़का <b>व्याकरण</b> : मुहावरे और लोकोक्तियाँ , अशुद्धि-शोधन	चित्र चित्रण कहानी श्रवण मुकाबला	*हिन्दी भाषा में विभिन्न प्रकार की सामग्री को समझकर अपने तक रखते हैं । *पढ़ी गई सामग्री पर चिंतनकर समझकर अपने तक रखते हैं ।
दिसम्बर	<b>पाठ</b> : डा. ए .पी. जे अब्दुल कलाम <b>व्याकरण</b> : निबंध लेखन	निबंध लेखन मुकाबला चित्र चित्रण	*विविध प्रकार की रचनाओं को पढ़कर





			<p>समूह में चर्चा करते हैं ।</p> <p>*विभिन्नसामग्री जैसे निबंद, अनुछेद,लेख को पढ़ते हुए विशलेशन करते हैं ।</p>
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**class : 6<sup>th</sup>**

**Subject : Mathematics**

<b>MONTH</b>	<b>CONTENT</b>	<b>PROJECT/ACTIVITY</b>	<b>LEARNING OUTCOMES</b>
APRIL	CHAPTER 1 KNOWING OUT NUMBERS  CHAPTER 2 WHOLE NUMBERS	Activity on large numbers LAB ACTIVITY-To verify addition and multiplication are commutative for whole numbers by paper cutting and pasting	1.The students will be able for do operation on larger numbers 2. estimate the numbers in day to day life 3.express Hindu Arabic in roman numerals and vice versa 4.To represent whole numbers on number line
MAY	CHAPTER 3 PLAYING WITH NUMBERS  CHAPTER4 BASIC GEOMETRICAL IDEAS	LAB ACTIVITY- 1.To find HCF of two given numbers by paper cutting and pasting 2.Quiz 3. Activity on circle and its parts	1.Differentiate multiples and factors 2.Identify prime, composite and co- prime numbers 3.Find prime factors LCM and HCF 4.To do construction of line, line segment of a given length 5. Identify different parts of triangle ,quadrilateral and circles
JULY	CHAPTER 7 FRACTION	Classroom activity to match equivalent fraction and like fraction	1.Represent fraction on number line 2.Identify equivalent fractions 3.To add and subtract unlike fraction



AUGUST	CHAPTER 8 DECIMAL	LAB ACTIVITY- 1.Addition and subtraction of integers by using different coloured balls 2.Quiz 3.Activity to represent decimal numbers by using grid or graph papers	1.Convert decimal into fractions and fractions into decimals 2. Compare decimals 3.To apply mathematical operation on decimals 4.To represent integers on number line 5.To do addition and subtraction of integers
	CHAPTER 6 INTEGERS		
SEPTEMBER	CHAPTER 11 ALGEBRA	Matchstick patterns will be formed in the class to introduce variables	1.To identify variables and constant 2.Identify numerical coefficient and coefficient of variable term
OCTOBER	CHAPTER 10 MENSURATION	1.Students will be asked to find length and breadth of their classroom to find its area and perimeter 2.Quiz	1.To measure perimeter and area of regular shapes even from their surroundings
NOVEMBER	CHAPTER 12 RATIO AND PROPORTION	Classroom activity on ratio ((to prepare Indian pudding recipe by taking appropriate proportion of two main ingredients)	1.To find percentage of any given quantities 2.To use the concept in their practical life 3.To do construction of circle bisectors of line segment and angles



DECEMBER	<p>CHAPTER 14 PRACTICAL GEOMERY</p> <p>CHAPTER 13 SYMMETRY</p>	<p>To make a protractor measuring of angle</p> <p>To determine the number of line of symmetry in different shapes by using paper folding video on symmetry</p>	<p>1.To copy the given angles</p> <p>2.To measure and identify different types of angles</p>
JANUARY	CHAPTER 5 UNDERSTANDING ELEMENTARY SHAPES	<p>To make the net for cube and cuboid using chart paper and identify their parts</p> <p>LAB ACTIVITY- Bar graph activity</p>	<p>1.To collect row data and organize it to get useful in formation</p> <p>2.To represent different kind of data through bar graph and pictograph</p> <p>3.To distinguish 2-D and 3-D shapes from their daily life</p>

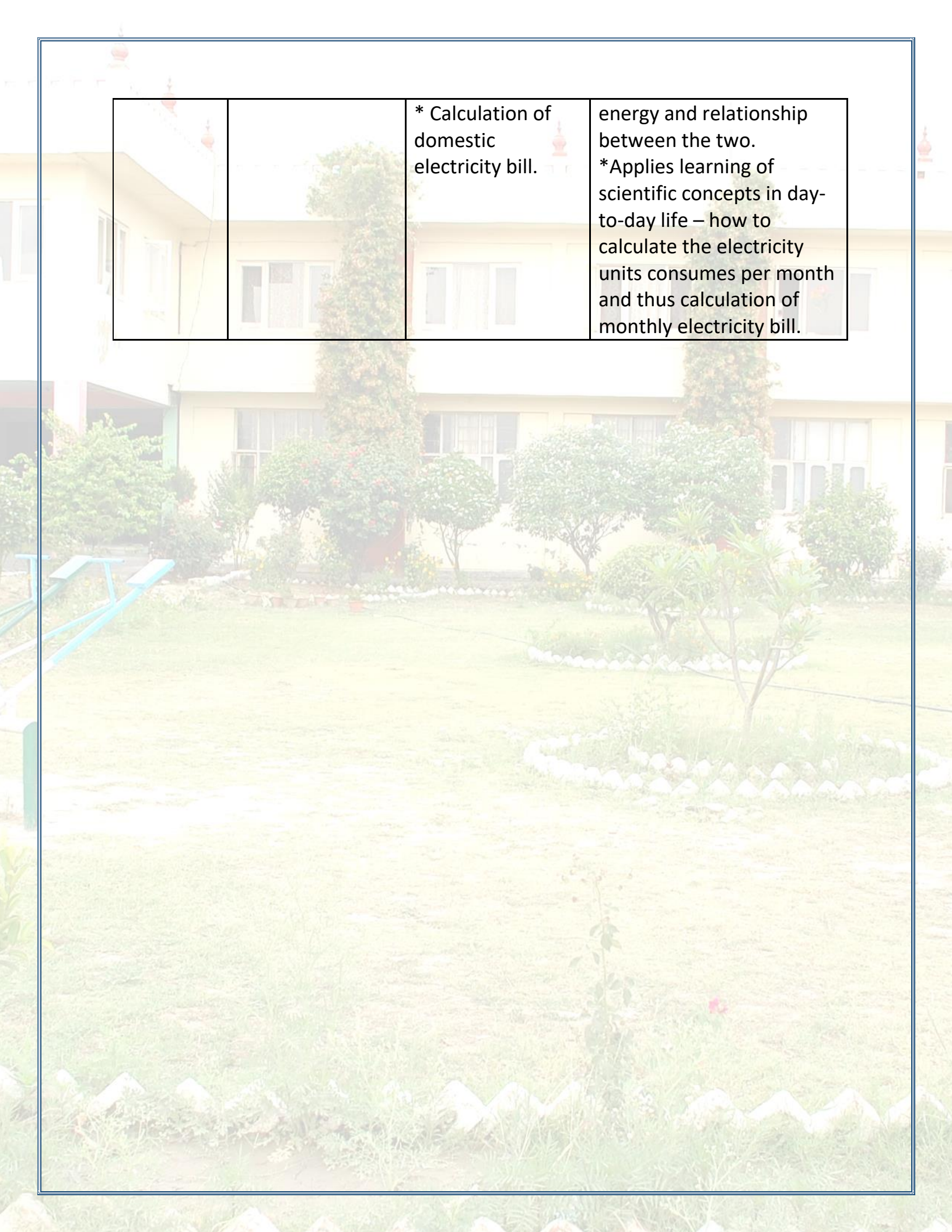


Subject : Science			Class : IX
Month	Chapter	Activity	Learning Outcomes
April	*Matter in our surroundings *Is matter around us pure.	*Experiment- conversion of ice into water. *Experiment – conversion of water into water vapors. *Sublimation	*Conducts simple investigations to seek answer to queries. *applies learning of scientific concepts in day to day life eg. inter conversion of states of matter.
May	*Tissues *Diversity in living organisms *The fundamental unit of life.	*To prepare temporary slide of onion peel cells, human cheek cells. *To observe permanent slides of different types of plants and animal tissues. *To observe permanent slides of prokaryotes, unicellular organisms like.	*Prepares slides of micro-organisms onion peel, human cheek cells etc. And describes their microscopic features. *Draws labelled diagrams/ flow charts e.g. structure of plant and animal cells. *Appreciates the vast diversity and life forms found in nature.
July	*Motion *Force and laws of motion.	*Plotting distance-time and velocity time graphs. *Theatrical demonstration of Newton's laws of motion. *Numerical – based worksheets.	*Discusses and appreciates stories of scientific discoveries. *Plots and interprets graphs. *Measures and calculates e.g. velocity, acceleration, distance, displacement etc.
August	*Natural resources *Improvement in food resources.	*Observing soil profile. *Flow charts / Diagram.	*Draws flow charts/diagrams e.g. Nitrogen cycle, Soil profile. *Conducts simple investigations to seek answers to queries.



		*Field visit to observe different crop patterns.	*Knows importance of soil, water, air i.e. natural resources in our life.
September	Why do we fall ill	*Project report on ACDS and some other diseases.	*Creates awareness about AIDS and human body immune system, Relates processes and phenomena with causes.
October	Atoms and molecules structure of the Atom.	*Model making *Charts making, Experiments to prove laws of chemical combination.	*Constructs models using materials from surroundings. *Draw labeled diagrams. *Write word equations for chemical reactions. *Conducts simple investigations to seek ans. to queries. *Discusses and appreciates scientific discoveries.
November	*Sound *Gravitation	<b>Lab-Activity-</b> How is produced *Chart making/ model making *Lab activities- Archimedes principle, density of objects.	Constructs models using materials from surroundings and explains their working e.g. pendulum. *Explain processes and phenomena e.g. why do objects float or sink in water. *Applies learning of scientific concepts in day-to-day life e.g. sound is produced by vibrations of objects.
December	Work and energy	*Demonstration on conversion of potential energy into kinetic energy with help of bow and arrow.	*Conducts simple investigations to seek answers to queries- how potential energy is converted into kinetic



The background of the slide is a photograph of a school building with a yellow facade and a red-tiled roof. In front of the building is a large green lawn with several trees and shrubs. A blue metal structure, possibly a playground slide, is visible on the left side. The entire scene is framed by a blue border.

		<p>* Calculation of domestic electricity bill.</p>	<p>energy and relationship between the two. *Applies learning of scientific concepts in day-to-day life – how to calculate the electricity units consumes per month and thus calculation of monthly electricity bill.</p>
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### **Pedagogical solutions**

1. The remedial steps are taken for weak children special classes /mentoring/guidance/ care is taken for weak children.
2. Academic coordinators organizes meetings with teachers and the syllabus transection is designed in such a way that prescribed course of X is completed by mid-November every year and the syllabus of other classes is completed one month before the Annual examination So that the students have enough time for revision.
3. A regular periodic check on syllabus transection of the subject.
4. The parents are kept informed about academics and other Matters pertaining to their words.
5. Provide a schedule of test for every subject on daily basis to ensure the revision of concepts regularly.
6. Teaching materials are tailored to support students learning and coordinators supervise the lesson plans minutely keeping in mind the progress of weak students.

### **Remedial Classes**

Remedial Classes are held for slow learners and performance enhancement classes are held for low achievers. Challenging assignments are given to gifted performances to keep them motivated extra classes are held before and after school to reinforce learning for 10<sup>th</sup> standard free of cost.



## **Guidelines for Implementation of the Plan**

- Ensure grade wise, subject wise and unit wise detailing of the innovative pedagogy to be used through preparation of structured lesson plans.
- Develop content related to art, sport and ICT with education, with the help of concerned teachers as well as Art, Sports and ICT teachers.
- Ensure dissemination of plan to all teachers and all concerned by June every year.
- Ensure proper implementation of this plan.
- Monitor the progress at least on a monthly basis.
- Reach out to the Board for any training needs.
- Maintain records of the preparation of the plan, and the progress in the implementation.