PRESENTATION HIGHER SECONDARY SCHOOL

Chevayur, Calicut-673017

A school with a difference in the heart of the city. Presentation Higher Secondary School is one of the Christian minority Institution under the management of Presentation sisters. It is one of the Calicut's leading school, actively and vibrantly moving towards new horizons of creating an intellectually competent, just, equitable and harmonious society through quality education. It gives special priority to fraternity, equality, justice, love, compassion, truth and peace.

Our Motto and Vision

Our Motto – From Darkness to Light

Our Vision – Enlightenment through Education of Heart and

SCHOOL DETAILS	
NAME OF SCHOOL	PRESENTATION HIGHER SECONDARY SCHOOL
ADDRESS	CHEVAYUR , KOZHIKODE, 673017
PHONE NUMBER	0495 2357108
SCHOOL CODE	17053
PRINCIPAL	LEENA K V
SCHOOL ESTABLISHMENT YEAR	1974
SUB DISTRICT	CHEVAYUR
DISTRICT	KOZHIKODE
CORPORATION	KOZHIKODE
TALUK	KOZHIKODE
EMAIL ADDRESS	presentationhss@gmail.com

Our History

In June 1974, we witnessed the birth of Presentation Central School with classes 1 & 2. The first batch wrote the C.B.S.E public exam in 1983 and came out in flying colours with 100% result. On 22nd October 1980, the school received recognition and affiliation from the CBSE. Later considering the request of the locality, the syllabus was changed from CBSE to State. In 1985 we received the permanent recognition of State Government for classes V to X and the Central school was changed into Presentation High School under Kerala State board. The School obtained the state recognition of the LP section enabling the LP, UP and High school to function as a composite unit.

The **Silver Jubilee** of PHSS celebrated in the academic year 1998-99 was a great event in the history of Presentation which left behind unforgettable memories. Another feather was added to the cap in 2002 with the opening of the Higher Secondary. The student community maintains excellence in academics and non-academics bringing laurels to school, year after year.

An institution started with handful of children in 1974 is now nurturing the dreams of more than 2000 students. The student community maintains excellence in academics and non-academics bringing laurels to school, year after year. The school is a second home to the children and the infrastructure and facilities play a crucial role in creating a conducive and enriching educational process. Each classroom is equipped with modern technology to enhance the learning environment. The laboratories are well equipped with necessary apparatus and safety measures. The school library and class libraries are a valuable resource centre, housing an extensive collection of books and reference materials. The school prioritizes also physical activity with well-maintained sports facilities. The school continues her journey towards perfection moulding minds, forming hearts and developing intellects!

The voyage of the school spans five decades. Throughout this journey, generations of students have walked through its doors, each leaving their mark on its legacy. The academic year 2023 – 24 was an incredible year in the history of PHSS with the celebration of its Golden Jubilee. The School witnessed a wide range of artistic, social and cultural programs throughout the year and was concluded with a valedictory function inclusive of entertainment visuals.

AIMS AND OBJECTIVES

"To educate-To promote" : It is a God given task, the mission entrusted by Christ and handed over to us through our founders Francesca and Maria. It is a means to promote humans and we actualize it through the formation of the heart.

Our vision is to develop the students into smart, enthusiastic, vibrant, committed individuals of the future enhanced with physical, intellectual, psychological, moral and spiritual nourishment for integrated competence.

The School aims at:

- Forming the young boys and girls to evolve as men and women of character, competence, conscience, compassion and commitment who will positively contribute to the society by promoting collaboration and co-operation for the growth of all.
- Nurturing a trust in God in their lives and thereby enabling them to lead a life of meaning and purpose.
- Excellence and enterprise in every sphere of activity to enable the students cope with emerging challenges of life in the present century.
- Engaging in the formation of heart and educating for life, our objective is to see each student walk out of our portals as integrated human being capable of facing challenges awaiting them in life in the present day society; discover God's plan in one's own life and accomplish it for the integral liberation of humanity.

Academic Master Plan - LP Section

ENGLISH

Objectives

1. Enhance student learning outcomes
2. Improve teaching quality and effectiveness
3. Foster a culture of innovation and excellence
4. Develop strategic partnerships and collaborations

Learning Outcomes

1. Clear direction and focus for academic activities
2. Improved student achievement and outcomes
3. Enhanced teacher morale and effectiveness
4. Better resource utilization and allocation
5. Increased accountability and transparency

PROBLEMS	REMEDIAL MEASURES
Defective Pronunciation	• Audio-video clippings on correct pronunciation • Phonetic classes by teachers • ICT facilities • Readers' theatre
Lack of communication skills	• Story dramatization • Story Telling • English club • English Assembly
Slow pace learners	• TLM support/worksheets • Special coaching • Action research
Gifted children support	• Special coaching and worksheets • English library • Book exhibition • Creative writing classes • Children's magazines
Insufficient vocabulary	• Spelling contests • Crosswords • Word Board games
Defective sentence pattern	• ICT based conversation • Conversations • Creative writing exercises
Illegible handwriting	• ICT based writing • Peer learning • English diary writing • Copy writing • Cursive writing

MALAYALAM

ലക്ഷ്യങ്ങൾ

1. അടിസ്ഥാന ഭാഷാ ശേഷി വികസനം
2. പദസമ്പത്ത് വർദ്ധിപ്പിക്കൽ
3. സർഗ്ഗാത്മകതയെ തട്ടിയുണർത്താം.
4. വായനശേഷി വളർത്തൽ
5. വായനാ പരിപോഷണം
6. സാഹിത്യപ്രതിഭകളെ അടുത്തറി യാം
7. എഴുത്ത് പരിപോഷിപ്പിക്കൽ
8. ലേഖനശേഷി വർദ്ധിപ്പിക്കൽ
9. ഭാഷാപരമായ പിന്നാക്കാവസ്ഥ പരിഹരിക്കൽ
10. ഉചിതമായ വ്യവഹാര രൂപങ്ങളിലുള്ള ലേഖന മികവ്.

പ്രവർത്തനം

1. പാട്ടുകളും കഥകളു മായി കുട്ടികൂട്ടങ്ങൾ സംഘടിപ്പിക്കൽ.
2. അസംബ്ലി, സ്കൂൾ റേഡിയോ അവതരണം.
3. കുട്ടികൾക്ക് സ്വയംതാൽപ്പര്യമനുസരിച്ച് അവതരിപ്പിക്കാൻ അവസരം.
4. പദസൂര്യൻ തയ്യാറാക്കൽ, ചാർട്ട്, വായനാ കാർഡുകൾ എന്നിവ തയ്യാറാക്കൽ.
5. അക്ഷരങ്ങൾ ഉപയോഗിച്ചുള്ള 'അക്ഷരക്കളികൾ' സംഘടിപ്പിക്കുന്നു.
6. ഒരേ താളത്തിലുള്ള പാട്…

EVS

Objective :

1. To know and enjoy nature
2. Learning by doing
3. Develop scientific attitude
4. Observation
5. To develop healthy food habits
6. To know about our country

Learning activities

1. Conduct nature walk
2. Arrange medicinal garden
3. Science corner in school and at home
4. Science fair
5. Visit science lab
6. Observe days related to science
7. Video presentation

Mathematics

	Goal	Activities	Out comes
1	Improve problem-solving skills	practice problems solving and puzzles	Develops critical thinking, creativity and analytical skills
2	Build strong foundations	worksheets	Students tend to perform better in academics
3	Make maths more enjoyable and interactive for students	Maths games :-like puzzles, etc,..	Students are more likely to participate and engage in maths lessons
4	Develop critical thinking and problem solving abilities in students	Maths competitions, like Quiz, Assignments etc,..	Enables students to approach problems in a logical and methodical way, which leads to more effective solutions
5	Foster a growth mindset	Teach students effective learning strategies, such as goal setting, self Monitoring etc...	Helps students to bounce back from setbacks and failures
6	Build confidence	Celebrating achievements and progress by rewarding students	Reduce anxiety, stress and depression
7	Encourage creativity	Construction of mathematical models, conducting fairs	Leads to new ideas and innovative solutions
8	Making learning of maths attractive	Maths bulletin board	Motivate students to learn and participate

9	Make the students able to grasp complete mathematical concepts	Class Tests, worksheets,etc,…	Helps to approach real world problems with confidence
10	To identify talented students	Maths talent search exams	Leads to increased academic achievements and excellence

Academic Master Plan - UP Section

ENGLISH (Class 5 to 7) Objectives

1. Strengthen basic LSRW skills (Listening, Speaking, Reading, and Writing).

Build vocabulary, sentence structure, prepare discourses

and grammar usage. Introduce creative and functional

writing.

Foster confidence in communication and love for literature.

2. Class-Wise Focus

Class 5

Listening & Speaking: Simple dialogues, instructions, rhymes, stories.

Reading: Loud reading, short passages, simple comprehension.

Writing: Paragraphs, simple notice, diary entry and

personal letter writing.

Activities: Storytelling, picture description, role play &

poster making

Class 6

Listening & Speaking: Simple dialogues, instructions, rhymes, stories.

Reading: Loud reading, short passages, simple comprehension.

Writing: Paragraphs, simple notice, diary entry and

personal letter writing.

Activities: Storytelling, picture description, role play &

poster making

Class 7

Listening & Speaking: Simple dialogues, instructions, rhymes, stories.

Reading: Loud reading, short passages, simple comprehension.

Writing: Paragraphs, simple notice, diary entry, personal

letter writing and character sketch

Activities: Storytelling, picture description, role play

poster making

3. Yearly Plan

Period Focus Activities

June – August : Units 1 & 2 Vocabulary games, guided reading, conversation practice
September – November : Units 3 & 4 Notice writing, poster, role play, quiz, magazine work
December – January : Units 5 & 6 Story writing, project work, drama, speech practice
February – March : Revision & Exam prep Model test, remedial teaching, and portfolio completion

4. Activities Across
Reading sessions, Enacting, School Radio, English week activities, Spell Bee competitions etc.

5. Evaluation
Continuous Evaluation (40%): activities, projects, portfolios, oral tests.

Terminal Evaluation (60%): written exam (lesson-based comprehension + writing tasks)

മലയാളം യു പി

ലക്ഷ്യം	പ്രവർത്തനങ്ങൾ	കാലം	ഭൗതികം	ചുമതല
1. അക്ഷരജ്ഞാനം ഉറപ്പിക്കാനും തെറ്റുകൂടാതെ മലയാള ഭാഷ എഴുതാനും കുട്ടികളെ പ്രാപ്തരാക്കുക	1. സ്വരാക്ഷരങ്ങളും , വ്യഞ്ജനാക്ഷരങ്ങളും തെറ്റുകൂടാതെ എഴുതാനുള്ള പരിശീലനം കുട്ടികൾക്ക് നൽകുക 2. ചിഹ്നങ്ങളെക്കുറിച്ചുള്ള വ്യക്തമായ ധാരണ നൽകുക 3. അക്ഷരങ്ങൾ ആവർത്തിച്ചു വരുന്ന പദങ്ങൾ നിർമിക്കുക	മാസം (ജൂൺ, ജൂലൈ , ആഗസ്റ്റ് , സെപ്റ്റംബർ)	പുസ്തകങ്ങൾ ലൈബ്രറി	രക്ഷിതാക്കളും അദ്ധ്യാപകരും
2. ഉച്ചാരണ ശുദ്ധിയോടെ മാതൃഭാഷ മലയാളം വായിക്കാൻ കുട്ടികളിൽ ആത്മവിശ്വാസം വളർത്തുക	1. ക്ലാസ് ലൈബ്രറി രൂപീകരിക്കുക 2. പത്രവായന പ്രോത്സാഹിപ്പിക്കുന്നു 3. ആസ്വാദന കുറിപ്പുകൾ തയ്യാറാക്കുന്നു 4. ചെറിയ വിഷയങ്ങൾ നൽകിപ്രസംഗം തയ്യാറാക്കി ക്ലാസ്സിൽ അവതരിപ്പിക്കുന്നു	മാസം (ജൂൺ - ഡിസംബർ)	ക്ലാസ് ലൈബ്രറി ആനുകാലിക പ്രസിദ്ധീകരണങ്ങൾ സോഷ്യൽ മീഡിയ	രക്ഷിതാക്കളും അദ്ധ്യാപകരും
3. കുട്ടികളിലെ സർഗാത്മകമായ കഴിവുകൾ വളർത്തി മികച്ച വായനക്കാരും എഴുത്തുകാരുമായി വളർത്തുക	1. കുട്ടികളിലെ സർഗാത്മകത വികസിപ്പിക്കാൻ കഥാ രചനാ, കവിതാ രചന, ഉപന്യാസ രചന എന്നിവ നടത്തുന്നു. 2. മലയാളം മാഗസിൻ തയ്യാറാക്കുന്നു 3. പ്രശസ്ത സാഹിത്യകാരന്മാരുടെ കഥ , കവിത എന്നിവ ക്ലാസ്സിൽ അവതരിപ്പിക്കുന്നു	മാസം (ജൂൺ - ഡിസംബർ)	ഫോട്ടോകൾ , ലൈബ്രറി	രക്ഷിതാക്കളും അദ്ധ്യാപകരും

HINDI (5 TO 7)

1 अधिगम उद्देश *(Learning Objectives)*

विद्यार्थियों में विषयगत ज्ञान, भाषा कौशल एवं जीवन मूल्यों का विकास करना।
रचनात्मक एवं समालोचनात्मक सोच *(Critical Thinking)* को प्रोत्साहित करना।
विद्यार्थियों को सामाजिक उत्तरदायित्व और नैतिक मूल्यों से जोड़ना।
तकनीकी ज्ञान का उपयोग कर शिक्षा को आधुनिक एवं प्रभावी बनाना।

2· अधिगम परिणाम *(Learning Outcomes)*

विद्यार्थी आत्मविश्वास से अपनी बात रख सकें।
LSRW (Listening, Speaking, Reading, Writing) कौशल में सुधार हो।
विद्यार्थी समस्या समाधान *(Problem Solving)* एवं नवाचार *(Innovation)* में दक्ष हो।
विद्यार्थी टीमवर्क, सहयोग एवं नेतृत्व क्षमता का प्रदर्शन कर सकें।
तकनीकी का सही एवं जिम्मेदाराना उपयोग करना सीखें।

3· नवोन्मेषी पद्धतियाँ *(Innovative Methods)*

प्रोजेक्ट आधारित अधिगम *(Project - Based Learning)*
भूमिका निर्वाह *(Role play)* एवं नाट्य रूपांतरण
गणेश पद्धति *(Mind Mapping, Concept Mapping)*
ICT आधारित अधिगम *(Smart Class, Digital Tools)*
शोध कार्य *(Research - based activities)*
फ्लिप्ड क्लासरूम *(Flipped Classroom)*

4· कमियों को दूर करने की रणनीतियों *(Strategies to Overcome Shortcomings)*

व्यक्तिगत परामर्श *(Mentoring and Counseling)*
कमजोर विद्यार्थियों के लिए अतिरिक्त कक्षाएँ *(Remedial Classes)*
पीयर टीचिंग *(Peer Teaching)*- छात्र - छात्राओं द्वारा आपसी सहयोग से पढ़ना।
निरन्तर मूल्यांकन *(Continuous Assessment)*
फीडबैक प्रणाली - समय - समय पर सुधार हेतु।

5· उपचारात्मक उपाय *(Remedial Measures)*

धीमी गति से सीखने वालों के लिए सरल भाषा और उदाहरण।
कार्यपत्रक *(Worksheets)* एवं अभ्यास पुस्तिका।
शिक्षण में मल्टीमीडिया का उपयोग।
पुनरावृत्ति *(Revision)* एवं अभ्यास परिक्षण।
माता -पिता एवं शिक्षकों का समन्वय।

6· *LSRW (Listening, Speaking, Reading, Writing)* सुधार के उपाय

Listening : श्रवण अभ्यास, ऑडियो/वीडियो क्लिप।
Speaking: वाद विवाद, भाषण, समूह चर्चा, भूमिका - निर्वाह।
Reading : पुस्तक पठन, समाचार पत्र चर्चा, पुस्तक समीक्षा।
Writing : निबंध लेखन, डायरी लेखन, रचनात्मक लेखन।

7· तकनीक के उपयोग में सुधार के उपाय *(Methods to Improve Use of Technology)*

स्मार्ट बोर्ड, प्रोजेक्ट एवं डिजिटल टूल्स का प्रयोग।

BASIC SCIENCE (Class 5 to 7)

This master plan outlines a comprehensive approach to teaching science to upper primary students, focusing on a blend of foundational knowledge and modern pedagogical techniques to foster a love for the subject and prepare students for the future.

1. Learning Objectives

The primary objectives are to:

* Develop a strong foundation in core scientific concepts across Physics, Chemistry, and Biology.
* Foster a scientific temper and an attitude of inquiry.
* Encourage students to observe, question, and analyze the world around them.
* Cultivate an understanding of the relationship between science and daily life.
* Promote safety in experimental and practical work.

2. Learning Outcomes

Upon completion of the upper primary science curriculum, students will be able to:

* Explain key scientific phenomena and principles.
* Design and conduct simple experiments to test hypotheses.
* Analyze and interpret data to draw logical conclusions.
* Communicate scientific ideas effectively through written and oral presentations.
* Apply scientific knowledge to solve real-world problems.

3. Innovative Methods

* Inquiry-Based Learning: Instead of rote memorization, students will be guided to ask questions and explore answers through hands-on activities.
* Project-Based Learning (PBL): Students will work on long-term projects like "Building a Water Filter" or "Designing a Solar Cooker, Emergency Lamp." This integrates multiple concepts and promotes practical application.
* STEM Integration: The curriculum will link Science with Technology, Engineering, and Mathematics, encouraging interdisciplinary thinking.
* Gamification: Use of educational games, quizzes, and digital simulations to make learning interactive and fun.

4. Strategies to Overcome Shortcomings
 * Differentiated Instruction: Cater to diverse learning styles by offering a variety of resources, from visual aids and videos to kinesthetic activities and group discussions.
 * Conceptual Clarity Sessions: Dedicate specific time slots to revisit and clarify complex concepts that students find challenging.
 * Peer-Assisted Learning: Encourage stronger students to mentor their peers, reinforcing their own understanding while helping others.
 * Regular Feedback: Provide constructive and timely feedback on assignments and projects to guide student improvement.
5. Remedial Measures
 * One-on-One Tutoring: For students who struggle with specific topics, dedicated one-on-one time with the teacher can be highly effective.
 * Simplified Worksheets: Provide simplified, targeted worksheets that break down difficult concepts into smaller, manageable parts.
 * Visual Aids and Models: Use physical models and diagrams to help students visualize abstract scientific concepts, making them easier to grasp.
 * Parent-Teacher Collaboration: Regular meetings with parents to discuss a student's progress and create a supportive learning environment at home.
 * Speaking: Organize group discussions, debates, and presentations. Students should be encouraged to explain their findings and articulate their thoughts clearly.
 * Reading: Assign articles from science magazines, journals, and online resources. Conduct "science news" sessions where students share and discuss what they've read.
 * Writing: Assign lab reports, project summaries, and creative writing pieces (e.g., a story from the perspective of an atom).
6. Methods to Improve Use of Technology
 * Virtual Labs and Simulations: Use software like PhET Interactive Simulations to perform experiments that might be too dangerous or expensive to conduct in a real lab.

* Educational Apps and Websites: Integrate apps like
* Data Analysis Tools: Teach students to use simple spreadsheet software (e.g., Google Sheets, Microsoft Excel) to plot graphs and analyze data from their experiments.
* Multimedia Presentations: Encourage students to use tools like Canva or Google Slides to create visually engaging presentations.

7. Methods to Acquire 21st-Century Skills

* Communication: Through group projects, presentations, and scientific debates. Students learn to present their ideas clearly and effectively.
* Creativity & Innovation: By encouraging open-ended projects and allowing students to design their own experiments or solutions.
* Collaboration: All group activities, from lab work to long-term projects, are designed to foster teamwork and collaborative problem-solving.
* Critical Thinking: By prompting students to analyze data, evaluate evidence, and question assumptions. Activities like "myth-busting" science myths are highly effective.

SOCIAL SCIENCE 5 TO 7

Class 5

1. Learning Objectives
- Build foundational knowledge.
- Develop curiosity, observation, and questioning skills.
- Strengthen basic literacy and numeracy.
- Inculcate moral, social, and environmental awareness.

2. Learning Outcomes
- Students will demonstrate reading comprehension, problem-solving, and application of knowledge.
- Exhibit ability to express ideas clearly in oral and written forms.
- Show awareness of social responsibility and environment.

3. Innovative Methods
- Use of digital games, quizzes, and Smart Boards.
- Group activities like model making, poster designing.

4. Strategies to Overcome Shortcomings
- Peer learning and buddy system.
- Regular formative assessments.
- Extra worksheets and guided practice for weak students.

5. Remedial Measures
- Individual attention for slow learners.
- Bridge courses in literacy and numeracy.
- Regular parent–teacher interaction.

6. Methods to Improve LSRW
- Listening: Audio stories, rhymes, interactive apps.
- Speaking: Morning assembly talks, show & tell.
- Reading: Library hours, guided reading.
- Writing: Picture-based essays, diary writing.

7. Methods to Improve Use of Technology
- Animated videos and digital storytelling.
- Interactive maps, e-library, educational apps.

8. Methods to Acquire 21st Century Skills
- Communication: Classroom discussions.
- Creativity: Art-integrated projects.
- Collaboration: Group projects.
- Critical thinking: Puzzle-solving, inquiry-based learning.
- Innovation: Use of recycled material for projects.

Class 6

Learning Objective
- To understand the basic concepts of history, geography, and civics.

Learning Outcome
- Students will be able to describe the importance of ancient civilizations and geographical features.

Innovative Methods
- Interactive maps and timelines
- Project-based learning (e.g., creating models of ancient structures)

Strategies to Overcome Shortcomings
- Providing additional support for students struggling with map skills
- Encouraging peer-to-peer learning for complex historical concepts

Remedial Measures
- Regular quizzes to assess understanding
- Targeted interventions for students needing extra help

Methods to Improve LSRW
- Debates on historical events
- Map-reading exercises

Methods to Improve Use of Technology
- Utilizing digital maps and historical resources online
- Creating multimedia presentations

Methods to Acquire 21st-Century Skills
- Collaboration: Group projects on historical themes
- Critical Thinking: Analyzing primary sources

Class 7

1. Learning Objectives
- Strengthen conceptual understanding across subjects.
- Encourage analytical and reflective thinking.
- Foster value education, empathy, and teamwork.

2. Learning Outcomes
- Ability to analyze, compare, and present ideas logically.

- Participation in debates, seminars, and group discussions.
- Practical understanding of science, math, and social issues.

3. Innovative Methods
- Project-based learning (history models, science experiments).
- Flipped classroom using video lessons.
- Social Science clubs, eco-clubs, and quiz competitions.

4. Strategies to Overcome Shortcomings
- Regular diagnostic tests.
- Peer tutoring and group mentoring.
- Simplified notes and visual aids for complex topics.

5. Remedial Measures
- After-school support for weak students.
- Additional practice in core areas (Math, English, Science).
- Doubt-clearing sessions.

6. Methods to Improve LSRW
- Listening: Podcasts, speeches of leaders.
- Speaking: Extempore, role-play, group discussions.
- Reading: Reference books, newspapers, subject magazines.
- Writing: Essays, letters, research projects.

7. Methods to Improve Use of Technology
- Smart Board simulations in Science & Geography.
- Language learning apps.
- Digital projects and online quizzes.

8. Methods to Acquire 21st Century Skills

- Communication: Class presentations.
- Creativity: Innovative models, posters.
- Collaboration: Inter-house activities, group fieldwork.
- Critical Thinking: Problem-solving case studies.
- Innovation: STEM-based projects.

MATHEMATICS (5 TO 7)

Learning Objectives	- Develop strong subject knowledge across disciplines. - Enhance LSRW- Reading-Writing-Speaking- Listening skills. - Promote creativity, critical thinking, and problem-solving. - Encourage teamwork, leadership, and collaboration. - Build digital literacy and responsible technology use. - Students demonstrate conceptual clarity and application.
Learning Outcomes	-Foster values, discipline, and social Responsibility. - Improved communication (oral & written). - Develop critical thinking and Real-life problems solving. - Increased confidence in public speaking and presentations. - Proficiency in using digital tools for learning. - Acquisition of 21st-century skills

	(Creativity, collaboration, communication, critical thinking, innovation).
Incentive Methods	- Rewards for academic excellence and creativity. - Certificates, recognition in assemblies. - Peer appreciation programs. Peer group study. - Project-based competitions. - Use of gamification (quiz, badges, stars etc)
Strategies to Overcome Shortcomings	- Diagnostic tests to identify weak areas. - Peer tutoring and group study sessions. - Extra classes/remedial coaching. - Personalized assignments. - Parent-teacher collaboration. - Regular mentoring and counseling. - Continuous and constant evaluation.
Remedial Measures to be Taken	- Bridge courses for weak students. - Peer group study-leader for each group. - Giving positive reinforcement.(privilege rewards, verbal praise.

	- Bilingual teaching if needed. - Simplified notes and practice worksheets. - Individual feedback and doubt-clearing sessions. - Use of audio-visual aids to enhance understanding. - Special focus groups for reading/writing difficulties.
Methods to Improve Learning, Reading, Writing, Speaking	- Daily reading hour & library use. - Writing journals, essays, and reports. - Group discussions, debates, role play. - Storytelling and creative writing workshops. - Language labs for pronunciation & fluency. - Continuous assessment through activities.
Methods to Improve Use of Technology	- Smart classrooms, e-content, and digital boards. - Use of educational apps and online resources. - Virtual labs for science and mathematics. - Safe internet usage workshops. - Online quizzes, assignments, and e-portfolios.

	Methods to Acquire 21st-Century Skills	- **Creativity:** Art, music, project-based learning, innovation clubs. - **Communication:** Debates, presentations, podcasts. - **Critical Thinking:** Problem-solving activities, case studies. - **Collaboration:** Group projects, peer-learning, leadership tasks. - **Innovation:** STEM/STEAM activities, start-up ideas. - **Adaptability:** Real-life problem simulations, life skills training.
Innovative Methods	- Project based learning, solving real life problems through projects, learning through games and quizzes Experiential learning like field visit role plays and Experiments. Peer teaching and learning: students as facilitators	

Academic Master Plan - HS Section

മലയാളം എച്ച് എസ്

ലക്ഷ്യം	പ്രവർത്തനങ്ങൾ	കാലം	ഭൗതികം	ചുമതല
അക്ഷരജ്ഞാനം ഉറപ്പിക്കാനും തെറ്റുകൂടാതെ മലയാള ഭാഷ എഴുതാനും കുട്ടികളെ പ്രാപ്തരാക്കുക	4. സ്വരാക്ഷരങ്ങളും , വ്യഞ്ജനാക്ഷരങ്ങളും തെറ്റുകൂടാതെ എഴുതാനുള്ള പരിശീലനം കുട്ടികൾക്ക് നൽകുക 5. ചിഹ്നങ്ങളെക്കുറിച്ചുള്ള വ്യക്തമായ ധാരണ നൽകുക 6. വാക്യ ഘടന മനസ്സിലാക്കി തെറ്റ് കൂടാതെ എഴുതുന്നതിനുള്ള പരിശീലനം നൽകുക 7. അക്ഷരങ്ങൾ ആവർത്തിച്ചു വരുന്ന പദങ്ങൾ നിർമിക്കുക	മാസം (ജൂൺ, ജൂലൈ , ആഗസ്റ്റ് , സെപ്റ്റംബർ)	പുസ്തകങ്ങൾ ലൈബ്രറി	രക്ഷിതാക്കളും അദ്ധ്യാപകരും രക്ഷിതാക്കളും അദ്ധ്യാപകരും
ഉച്ചാരണ ശുദ്ധിയോടെ മാതൃഭാഷ മലയാളം വായിക്കാൻ കുട്ടികളിൽ ആത്മവിശ്വാസം വളർത്തുക	5. ക്ലാസ് ലൈബ്രറി രൂപീകരിക്കുക 6. പത്രവായന പ്രോത്സാഹിപ്പിക്കുന്നു 7. ആസ്വാദന കുറിപ്പുകൾ തയ്യാറാക്കുന്നു 8. ചെറിയ വിഷയങ്ങൾ നൽകി ക്ലാസ്സിൽ പ്രസംഗിപ്പിക്കുന്നു 9. പുസ്തക ചർച്ച നടത്തുക	മാസം (ജൂൺ - ഡിസംബർ)	ക്ലാസ് ലൈബ്രറി ആനുകാലിക പ്രസിദ്ധീകരണങ്ങൾ സോഷ്യൽ മീഡിയ	രക്ഷിതാക്കളും അദ്ധ്യാപകരും
4. കുട്ടികളിലെ സർഗാത്മകമായ കഴിവുകൾ വളർത്തി മികച്ച വായനക്കാരും എഴുത്തുകാരുമായി വളർത്തുക	4. കുട്ടികളിലെ സർഗാത്മകത വികസിപ്പിക്കാൻ കഥാ രചനാ, കവിതാ രചന, ഉപന്യാസ രചന എന്നിവ നടത്തുന്നു. 5. സാഹിത്യ കാരന്മാരുമായി സംവാദം നടത്താൻ അവസരമൊരുക്കുന്നു 6. മലയാളം മാഗസിൻ തയ്യാറാക്കുന്നു 7. കഥ , കവിത , ലേഖനം , ഉപന്യാസം, ജീവചരിത്രം, ആത്മകഥ എന്നിവ മനസ്സിലാക്കുന്നതിന്	മാസം (ജൂൺ - ഡിസംബർ)	പുസ്തകങ്ങൾ , ഫോട്ടോകൾ , ലൈബ്രറി	രക്ഷിതാക്കളും അദ്ധ്യാപകരും
4. സോഷ്യൽ മീഡിയ ആരോഗ്യകരമായി ഉപയോഗിക്കുന്നതിലൂടെ മലയാള പഠനം മികച്ചതായി മുന്നോട്ടു കൊണ്ടുപോകാനും സർഗാത്മക ശേഷി വർദ്ധിപ്പിക്കാനും കഴിയുന്നു	1. വിഷ്വൽ ട്രാവലോഗ് തയ്യാറാക്കുന്നു 2. ഷോട്ട്സ്, റീൽസ് എന്നിവ പാഠഭാഗങ്ങളുമായി ബന്ധപ്പെട്ട് തയ്യാറാക്കുന്നു	മാസം (ജൂൺ - ഡിസംബർ)	ഫോൺ , കംപ്യൂട്ടർ തുടങ്ങിയ ഗാഡ്ജറ്റുകൾ	അദ്ധ്യാപകരും രക്ഷിതാക്കളും

ENGLISH

1. General Objectives

Develop listening, speaking, reading, and writing skills.

Cultivate a love for English through literature and activities.

Encourage creative expression, critical thinking, and language accuracy.

Build confidence in real-life communication.

2. Skill-Wise Plan

A. Listening

Use audio clips, teacher reading, and peer activities.

Focus on: following instructions, listening for gist/detail, note-taking.

Activities: listening to announcements, stories, speeches & recitation.

B. Speaking

Encourage spoken English inside and outside the classroom.

Activities: conversation practice, role play, group discussion, debates, news reading, speech practice.

C. Reading

Train students in loud reading, silent reading, skimming, and scanning.

Activities: reading comprehension, newspaper analysis, library hour, reading aloud passages from textbooks.

D. Writing

Focus on both creative and functional writing.

Activities: diary, notice, letter, report, speech writing, story completion, essay, script, biographical sketch, event invitation, advertisement jingles etc.

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3. Class-Wise Coverage

Class 8
Learning Outcomes:

Read and interpret prose, poems, and plays.

Write simple paragraphs, notices, dialogues.

Participate in role play and speech.

Class 9
Learning Outcomes:

Read critically and infer meaning.

Write essays, reports, conversations, and reviews.

Present skits and short speeches.

Class 10

Learning Outcomes:

Prepare for SSLC – focus on comprehension and writing.

Write formal letters, news reports, speeches, profiles, essays.

Practice grammar through contextual activities.

4. Yearly Schedule (General)

June–August

Reading activities, group work, and introductory writing.

Begin Unit 1 & 2 lessons from SCERT textbook.

First term assessment

September–November

Deeper reading comprehension and extended writing tasks.

Unit 3 & 4 lessons.

Second term assessment

December–January
Revision, remedial classes, and project work. Unit 5 lessons.

February–March
Final Assessment

5. Evaluation Plan

Continuous Evaluation (CE): 40% (activities, portfolio, project, test).

Terminal Evaluation (TE): 60% (written exam based on SCERT pattern).

Extra Activities for Language Improvement

1. Yearly School Magazine
2. English week activities (to improve LSRW)

HINDI

1)अधिगम उद्देश्य

- विद्यार्थियों में विषयगत ज्ञान, भाषा कौशल एवं जीवन मूल्यों का विकास करना ।
- रचनात्मक एवं समालोचनात्मक सोच को प्रोत्साहित करना
- तकनीकी ज्ञान का उपयोग कर शिक्षा को आधुनिक एवं प्रभावी बनाना ।

2) अधिगम परिणाम

- विद्यार्थी आत्मविश्वास से अपनी बात रख सकें ।
- LSRW कौशल में सुधार हो ।
- विद्यार्थी समस्या समाधान एवं नवाचार में दक्ष हों।
- विद्यार्थी टीमवर्क , सहयोग एवं नेतृत्व क्षमता का प्रदर्शन कर सकें
- तकनीक का सही एवं ज़िम्मेदाराना उपयोग करना सीखें

3) नवोन्मेषी पद्धतियां (innovative methods)

- प्रोजेक्ट आधारित अधिगम
- भूमिका निर्वाह एवं नाट्य रूपांतरण
- गणेश पद्धति
- ICT आधारित अधिगम
- शोध कार्य

4) कमियों को दूर करने की रणनीतियों

- व्यक्तिगत परामर्श
- कमज़ोर विद्यार्थियों के लिए अतिरिक्त कक्षाएँ
- पीयर टीचिंग - छोत्र - छात्राओं द्वारा आपसी सहयोग से पढ़ना
- निरंतर मूल्यांकन
- फीडब्रैक प्रणाली - समय - समय पर सुधार हेतु ।

5) उपचारात्मक उपाय

- धीमी गति से सीखने वालो के लिए सरल भाषा और उदाहरण
- कार्यपत्रक एवं अभ्यास पुस्तिका
- शिक्षण में मल्टीमीडिया का उपयोग
- पुनरावृत्ति एवं अभ्यास परीक्षण
- माता -पिता एवं शिक्षकों का समन्वय

6) LSRW सुधार के उपाय

- listening: श्रवण अभ्यास, आडियो / वीडियो क्लिप्स
- speaking: वाद- विवाद, भाषण, समूह चर्चा, भूमिका - निर्वाह
- Reading: पुस्तक पठन, समाचार-पत्र चर्चा,पुस्तक समीक्षा
- Writing: निबंध लेखन, डायरी लेखन, रचनात्मक लेखन

7) तकनीक के उपयोग में सुधार के उपाय

- स्मार्ट बोर्ड , प्रोजेक्टर एवं डिजिटल टूल्स का प्रयोग

8) 21वीं सदी के कौशल विकसित करने के उपाय

- संचार कौशल - समूह चर्चा, प्रस्तुति, वाद - विवाद
- सृजनात्मकता - प्रोजेक्ट, कला गतिविधियाँ, नवाचार प्रतियोगिता
- सहयोग- समूह कार्य, टीम प्रोजेक्ट, सहपाठी
- नवाचार- मॉडल निर्माण, विज्ञान प्रदर्शनी

SCIENCE

PHYSICS

Learning objectives.

1) Conceptual understanding.
2) Scientific temper
3) practical skills
4) Application of knowledge.
5) Environment awareness 6) Technology Integration 7) Career orientation
8) Scientific Literacy
9) Critical thinking.
10) problem Solving capabilities

Learning outcome

1) critical thinking and problem solving
2) Scientific knowledge and understanding
3) practical skills
4) creativity and innovation 5) Collaboration and team work
6) Career preparation
7) Improved college Readiness - Education in high school equips students with the skills and knowledge needed to succeed in college-level coursework.
8) Analytical and logical Thinking

Innovative methods

BIOLOGY

Interactive learning Approaches

1) Virtual labs.
2) Gamified Learning Modules
3) Project based Learning.
4) Observation special days. (June 5th, 8th, 14th, 21st, 26th)
5) Awareness classes.
6) Awareness posters.
7) Anti-drug awareness.
8) Proper disposal of waste.
9) Awareness about diseases contagious.
10) Blood donation.

Technology Integration

1) ICT-Enabled Learning
2) Digital Storytelling: Encourage students to create narratives around biological Concepts using multimedia elements like videos, animations and graphics.
3) Adaptive Learning Technologies.

Assessment and feedback

1) Formative assessment

Quizzes, concept mapping, quick polls to gauge student understanding and adjust teaching accordingly.

2) Peer assessment
3) Self-assessment
using checklists or rubrics

Physics
Activity Based Learning.

1) Inquiry Experiments: Ask students to discover the formula.
2) Every day physics demonstration.
3) Technology Integrated Learning.
3) Project Based method.

1) DIY Projects: Eg:- Build a water rocket for Newton's 3rd law, Build a simple spectroscope.
2) Cross-Disciplinary Integration.

1) Physics in sports: Projectile motion, torque, Momentum.
2) Physics in music: Sound wave, resonance.
3) Physics in Environment: Energy Conservation.

Strategies to overcome shortcomings

*Teaching Learning Process

1. Activity oriented methods.
2. Peer learning & collaborative learning
3. Bridge Courses & revision
4. Concept mapping & Mind mapping.

*Practical & experiments.
1. Regular lab activity with low cost
2. Student Innovation Clubs.
3. Home-based experiments

*Technology Integration.
1. Digital tools
2. ICT
3. Online platforms

*Assessment & feedback
1. Formative Assessments.
2. Timely feedback

*Inclusiveness & Remediation.
1. Remedial classes
2. Individual learning plans
3. Differentiated instruction

Linking Science with life
1. Connect lessons to daily life experience

2. Field Visit

*Teacher development.
1. Training programme.
2. Peer discussion among teachers.

*Gamification & creative method
1. Treasure Hunt
2. Quiz
3. Role play
4. Storytelling

*Collaborative/Student Centered method
1. Peer teaching
2. Debates & Discussion

CHEMISTRY

*Inquiry based learning - Small experiments or ask questions like "why does salt dissolve faster in hot water?"
2. Flipped classroom - share short videos, animations or simulations (e.g., molecular bonding, reactions) before class.
3. Gamification - Quiz, Chemistry Bingo (e.g., Chemical Symbols, reaction types)
4. Reward based challenges for balancing equations.
5. Real life context learning - Connect lessons to daily life - medicines.
6. Collaborative project - Group research on topics like renewable energy, green chemistry.
7. Use of Technology and apps
8. Students role-play as famous chemists.
9. Story telling approach - narrating the life of an electron through bonding and reaction.

10. Environmental chemistry.

Projects on plastic pollution, water purification.

Remedial measures in Science

*For conceptual Gaps.

1. Bridge courses
2. Concept maps, Flow chart, & Visual aids
3. Extra work sheet & practice problems

*For slow learners.

1. Small group remedial classes
2. Peer tutoring.

*For low practical Exposure

1. Hands on activities.
2. Virtual labs, Simulation & demonstration
3. Home based experiments.

*For poor performance in Exams

1. Frequent class test
2. Model question paper & previous year papers
3. Time management

*For lack of Interest
1. Real life examples
2. Science exhibition, club & field visit

Methods to Improve LSRW

*Listening
1. Science related Audio / Video.
2. Documentaries.
3. Guest talks/ Webinar

*Speaking.
1. Group discussion
2. Debate, Seminar
3. Role play.

*Reading
1- Textbooks
Magazine

3- Journals
Science stories/Articles

*Writing
1. Lab report writing
2. Science chart, poster, exhibition notes Methods to Improve Use of Technology

Learning & assessment Continuous Improvement

Method to Improve 21st Century Skills

*Critical thinking and problem solving

1- Inquiry based learning

*Creativity & Innovation
1- Science Fair
2- Model making

*Collaboration & Teamwork

1- Peer learning & Co-operative learning Strategies
2- Eco club.

*Communication skill

1- Seminar, Debate, Group discussion
2- Digital Presentation, Posters

*Digital Literacy

1- ICT tools
2- Virtual lab
3- Digital portfolio

*Environmental and Social awareness

1- Field Visit
2- Survey
3- Community based project
4- Awareness Campaign
5- Sustainable practices.

MATHEMATICS

Content	Details
Learning Objectives	- Develop strong subject knowledge across disciplines. - Enhance reading, writing, speaking, and listening skills. - Promote creativity, critical thinking, and problem-solving. - Encourage teamwork, leadership, and collaboration. - Build digital literacy and responsible technology use. - Foster values, discipline, and social responsibility.
Learning Outcomes	- Students demonstrate conceptual clarity and application. - Improved communication (oral & written). - Ability to think critically and solve real-life problems. - Increased confidence in public speaking and presentations. - Proficiency in using digital tools for learning. - Acquisition of 21st-century skills (creativity, collaboration, communication, critical thinking, innovation).
Incentive Methods	- Rewards for academic excellence and creativity. - Certificates, recognition in assemblies.

	- Peer appreciation programs. - Project-based competitions. - Use of gamification (quizzes, badges).
Strategies to Overcome Shortcomings	- Diagnostic tests to identify weak areas. - Peer tutoring and group study sessions. - Extra classes/remedial coaching. - Personalized assignments. - Parent-teacher collaboration. - Regular mentoring and counseling.
Remedial Measures	- Bridge courses for weak students. - Bilingual teaching if needed. - Simplified notes and practice worksheets. - Individual feedback and doubt-clearing sessions. - Use of audio-visual aids to enhance understanding. - Special focus groups for reading/writing difficulties.
Methods to Improve Learning, Reading, Writing, Speaking	- Daily reading hour & library use. - Writing journals, essays, and reports. - Group discussions, debates, role play. - Storytelling and creative writing workshops. - Language labs for pronunciation & fluency. - Continuous assessment through activities.
Methods to Improve Use of Technology	- Smart classrooms, e-content, and digital boards. - Use of educational apps and online resources. - Virtual labs for science and mathematics. - Safe internet usage workshops.

	- Online quizzes, assignments, and e-portfolios.
Methods to Acquire 21st-Century Skills	- Creativity: Art, music, project-based learning, innovation clubs. - Communication: Debates, presentations, podcasts. - Critical Thinking: Problem-solving activities, case studies. - Collaboration: Group projects, peer-learning, leadership tasks. - Innovation: STEM/STEAM activities, start-up ideas. - Adaptability: Real-life problem simulations, life skills training.
Innovative methods	-Project based learning, solving real life problems through projects -Learning through games and quizzes. -Experimental learning :- Field visit, role play and experiments -Peer teaching and learning :Students as facilitators

SOCIAL SCIENCE

Class 8

Learning Objective

- To analyze the impact of historical events on modern society.

Learning Outcome

- Students will be able to explain the significance of key historical events and their relevance today.

Innovative Methods

- Role-playing historical events
- Case studies of modern-day issues related to historical events

Strategies to Overcome Shortcomings

- Differentiated instruction for varying learning styles
- Encouraging critical thinking through Socratic seminars

Remedial Measures

- Formative assessments to monitor progress
- Small-group discussions for struggling students

Methods to Improve LSRW

- Writing historical fiction based on real events
- Presentations on historical figures

Methods to Improve Use of Technology

- Online research projects
- Creating podcasts on historical topics

Methods to Acquire 21st-Century Skills
- Creativity: Designing historical advertisements
- Collaboration: Group research projects

Class 9

1. Learning Objectives
- Develop higher-order thinking and independent learning.
- Prepare for board exams with conceptual clarity.
- Link subject knowledge to real-life situations.

2. Learning Outcomes
- Students will analyze, evaluate, and interpret complex issues.
- Application of scientific, mathematical, and historical concepts.
- Demonstrate leadership, responsibility, and research skills.

3. Innovative Methods
- Debate, seminar, symposium.
- ICT-based research projects.
- Model UN, mock parliament.

4. Strategies to Overcome Shortcomings
- Continuous performance monitoring.
- Remedial classes for board-oriented subjects.
- Use of past exam papers and practice worksheets.

5. Remedial Measures
- One-on-one mentoring.
- Revision classes and practice tests.

- Peer learning groups.

6. Methods to Improve LSRW
- Listening: TED talks, educational documentaries.
- Speaking: Debates, anchoring school events.
- Reading: Academic journals, novels.
- Writing: Research papers, analytical essays.

7. Methods to Improve Use of Technology
- Use of GIS, simulations, and virtual labs.
- Online research and presentations.
- Blended learning platforms (Google Classroom, etc.).

8. Methods to Acquire 21st Century Skills
- Communication: Public speaking, presentations.
- Creativity: Innovative project design.
- Collaboration: Group assignments, leadership roles.
- Critical Thinking: Case study analysis, problem-solving.
- Innovation: Start-up idea contests, science fairs.

Class 10
Learning Objective
- To evaluate the complexities of contemporary global issues.

Learning Outcome
- Students will be able to analyze and discuss global challenges and potential solutions.

Innovative Methods
- Debates on current global issues

- Simulations of international diplomatic meetings

Strategies to Overcome Shortcomings
- Encouraging self-assessment and reflection
- Providing resources for further reading and research

Remedial Measures
- Regular feedback sessions
- Peer review of assignments

Methods to Improve LSRW
- Writing opinion editorials on global issues
- Group discussions and presentations

Methods to Improve Use of Technology
- Utilizing online databases for research
- Creating infographics on global statistics

Methods to Acquire 21st-Century Skills
- Critical Thinking: Analyzing news sources
- Innovation: Proposing solutions to global challenges.

INFORMATION AND COMMUNICATION TECHNOLOGY

Duration	Learning Outcome
June to August	Ensures all teachers and students have access to ICT resources and necessary training. AI Training. Conducting Poster making competition, Multimedia presentation ,Web page creation, Malayalam typing, Animation etc.
September - December	Student participation in Sub District, District & State IT Mela. AI Training.
September - January	Empowering Students with video editing, film making and cyber safety skills AI Training.

Co-Curricular Activities

The school gives equal importance to Co-Curricular Activities along with academics. These programs provide students with opportunities to explore their talents, build confidence, develop leadership qualities, and grow as well-rounded individuals. We lays strong emphasis on Co-Curricular Activities along with academics to ensure the overall growth and personality development of students. A wide range of activities are conducted regularly, which include Abacus, Chess, Yoga, Table Tennis, Arts & Craft, Vocal Music, Classical Dance, Robotics, Basketball, Football, and Taekwondo. Through these activities, students are provided opportunities to nurture their creativity, improve logical and analytical thinking, develop physical fitness, and enhance cultural appreciation. They also help in building confidence, discipline, teamwork, and leadership qualities among students, preparing them to face future challenges with a balanced and holistic approach to life.

JRC (Junior Red Cross) and Guides are actively functioning in the school, providing students with opportunities to take part in community service, social awareness programs, and leadership training. These movements help in instilling values of discipline, empathy, responsibility, and teamwork, while encouraging students to contribute positively to society.

SRG (Subject Resource Group)

The SRG team meets twice every month to evaluate the activities and lessons conducted in the school. These sessions help in reviewing teaching practices, improving classroom strategies, and ensuring that academic and co-curricular programs are effectively implemented for the benefit of students. Detailed report will be prepared after each meeting.

Staff Meetings

Periodic staff meetings are conducted in the leadership of Principal to provide necessary instructions to the staff and to review both curricular and co-curricular activities of the school. These meetings ensure smooth functioning, better coordination, and collective efforts towards the overall development of students.

PTA

The PTA is actively functioning in the school, ensuring the involvement of parents in the overall development of students. Class PTA meetings are convened after every term examination to review academic progress, discuss student welfare, and strengthen the partnership between parents and teachers.

Monitoring

The Principal regularly monitors the classroom sessions of teachers and provides constructive feedback for improvement. This practice helps in enhancing teaching quality, ensuring effective learning outcomes, and maintaining high academic standards in the school.

Conclusion

The academic action plan of the school is framed with a clear vision to promote excellence in education while also ensuring the overall development of students. It emphasizes structured teaching–learning processes, systematic evaluation, and the use of innovative and learner-centered approaches to meet diverse student needs. The school also prioritizes continuous professional development of teachers, regular monitoring, and constructive feedback to enhance classroom practices and improve learning outcomes.

We strongly believe that education is most effective when it is collaborative. Therefore, our plan focuses on building strong partnerships among teachers, students, parents, and the management. By fostering a culture of discipline, creativity, and responsibility, the school strives to provide a safe and supportive environment where every learner can reach their fullest potential. Through this action plan, we reaffirm our commitment to nurturing future-ready citizens who are not only academically proficient but also equipped with life skills, values, and a positive outlook towards society.