





**SRI SRI RAVISHANKAR
VIDYA MANDIR INDORE**

**CLASS
SYLLABUS**

SESSION - 2025-26



NAME: _____

CLASS: _____

Education means intellectual sharpening, retaining of innocence and spiritual upliftment

Gurudev Sri Sri Ravi Shankar

Guidelines To Improve In Academics

The primary focus would be to strengthen the basics of the subjects which will cater to their further development of the child. Given below are the guidelines of the same:

English:-

-  Conversation is the medium of communication. Reading is not just important for us, acquiring knowledge, it will help you to build your vocabulary by exploring **cross words puzzles, scrabble** and extend the level in English. So try to have reading practice rather than course books short stories or fictitious.
-  Be in habit of reading newspaper or books related to current affairs and for a change you can read novels, to develop writing skills.
-  Grammar is the pillar for the formation of sentences. Verbs and tenses hold the grammar, so master yourself in it. Dictionary is the important part of learning English, Students should carry pocket dictionary to develop the word power.

Mathematics:-

-  Paste the charts of table above 15, squares and cubes and practice them regularly.
-  Write formulas chapter wise on the paper and keep it in your pocket, revise it when you are in the bus or at home.
-  Be in habit of solving “SUDOKU” puzzle at least twice in a week.

Social Science:-

-  To grow in all aspects students should be aware of current affairs, read more general knowledge books and newspaper daily. It is mandatory to have atlas to refer the maps.
-  Emphasis more on map work, which is scoring part of the subject.
-  Read the chapter thoroughly and mark the important dates places and important terminology in the given topic.

Science:-

-  Always be inquisitive. Keep scientific approach to solve problems.
-  Develop observation skills, draw inference and come to the conclusion.
-  Draw diagrams regularly and practice them time to time.
-  Read the chapter carefully, note down new terminology and learn them by heart.
This will help you to build strong foundation.
-  Try to write answers to the point in your own language.
-  Come up with “how” and “why” questions. It will help you understand concepts clearly.

CLASS X:2025-26**SUBJECT: MATHS**

S.NO	MONTH	EXAM	CHAPTER COVERED	ACTIVITY	VALUE/ANECDOTE
1.	Apr.-Jun.	1 st Periodical	Polynomials, Pair of linear equations	Polynomial Puzzles: Create puzzles.	Gives solutions of real-world problems.
2.	September	Term I	3.Quadratic equations. 8.Trigonometry 9.Application of Trigonometry 5.Arithmetic progression, 4.Quadratic equation. 13. Statistics 14. Probability + PT1 syllabus	*Trigonometric Treasure Hunt: Set up a treasure hunt where students will solve trigonometric problems.	In trigonometry, value can be added by understanding its practical applications in various fields like physics, engineering, and astronomy.
3.	November	PTII	6.Coordinate Geometry, 7.Triangles	Coordinate Race: Divide students into teams and give them a list of coordinates. They have to visit each coordinate point on a large grid in a race against time. This activity reinforces plotting points and understanding distances between them.	Understanding triangle properties enables problem-solving in geometry and applications in real-life situations, such as navigation, architecture, and engineering.
4.	Dec	Pre-board	Whole syllabus		
5.	January/ February	Revision	Board Examination /Annual Exam		

SUBJECT :- ARTIFICIAL INTELLIGENCE(CODE-417)

S.NO.	MONTH	EXAM	UNIT/CHAPTER	ACTIVITY	VALUE
1	JULY	PERIODICAL EXAM I	BOOK-1:AI Chapter-1:Introduction to AI Chapter-2:AI Project Cycle BOOK-2: EMPLOYABILITY SKILLS: - Unit-1: Communication Skills	Robotics Lab activity for AI Project Cycle	Students will be able to understand the concept of AI and AI Project Cycle
2	SEPTEMBER	HALF YEARLY EXAM	BOOK-1:AI Chapter-3:Advance Python Chapter-4:Data Science BOOK-2: EMPLOYABILITY SKILLS: - Unit-2: Self Management Skills Unit-3:ICT Skills + PERIODICAL –I CHAPTER	Implement Python Programs in Lab	Students will be able to do python programming.
3	DECEMBER	PERIODICAL EXAM II	BOOK-1:AI Chapter-5: Computer Vision BOOK-2: EMPLOYABILITY SKILLS: - Unit-4: Entrepreneurial Skills Unit-5: Green Skills	Computer Lab Activity for Computer Vision	Students will be able to understand the concept and Applications of Computer Vision
4	JANUARY		BOOK-1:AI Chapter-6:NLP Chapter-7: Evaluation Revision	Using ChatBots in Computer Lab	Students will be able to understand importance of NLP and Evaluation
5	FEBRUARY	ANNUAL EXAM	WHOLE SYLLABUS	-	-

SUBJECT: SCIENCE

PHYSICS

	EXAM	CHAPTER TO BE TAUGHT	ACTIVITY	VALUE/ANECDOTE
1.	1 st Periodical	Chapter 10 Light Reflection and Refraction	Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object	<ul style="list-style-type: none"> - Reflect positivity which creates vibrant aura. Just like light. - we can learn to adapt to different situations, be flexible in our thinking, and find creative solutions to problems.
2.	Half Yearly Examination {Term-I}	Chapter 10 and The Human Eye and colorful World	Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, and angle of emergence and interpret the result Tracing the path of the rays of light through a glass prism	<ul style="list-style-type: none"> - Embracing change and being open to new perspectives can lead us to unexpected and enlightening paths.
3.	Periodic Test II	Electricity	Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determining its resistance. Also, plotting a graph between V and I.	Conservation and Sustainability Learning about the sources of electricity and the environmental impact of its production can teach students the value of conserving energy

4.	Pre-Annual Examination	Magnetic effects of current (including above)	Activity – Draw magnetic field lines through magnetic needle	Attraction and Repulsion: Respecting Differences: Just as magnets have both attractive and repulsive forces, human interactions should respect both similarities and differences. This teaches the value of tolerance and respect for others' views and personalities.
5.	Boards exam	Complete Syllabus		

CHEMISTRY

1.	Periodical I	Chapter 1 Chemical reaction and Equation	Clean a magnesium ribbon about 3-4 cm long by rubbing it with sandpaper. n Hold it with a pair of tongs. Burn it using a spirit lamp or burner and collect the ash so formed in a watch-glass. Burn the magnesium ribbon keeping it away as far as possible from your eyes Take lead nitrate solution in a test tube. Add potassium iodide solution to this. Touch the conical flask or test tube. Is there any change in its temperature? To understand Exothermic and Endothermic Rxn	Every Individual has own potential, reacts according. Just like elements reacts with other.
2.	Half Yearly Examination {Term -I}	Chapter 1 And Chapter 2- Acids Base and Salts	Collect the following solutions from the science laboratory– hydrochloric acid (HCl), sulphuric acid (H ₂ SO ₄), nitric acid (HNO ₃), acetic acid (CH ₃ COOH), sodiumhydroxide(NaOH),calciumhydroxide[Ca(OH) ₂],potassiumhydroxide (KOH),magnesium hydroxide [Mg(OH) ₂], and ammonium hydroxide (NH ₄ OH). Put a drop of each of the above solutions on a watch-glass one by one and test with a drop of the indicators shownWhat change in colour did you observe with red litmus, blue litmus, phenolphthalein and methyl orange solutions for each of the solutions	Teacher indicates us right path for life. Just like a universal indicator which indicate acidic and basic nature of substance.
3.	Periodic II	Chapter 3 Metal and Non- Metal Chapter 4 Carbon and Its Compounds	Take samples of iron, copper, aluminium and magnesium. Note the appearance of each sample. Clean the surface of each sample by rubbing them with sand paper and note their appearance again. Make a list of ten things you have used or consumed since the morning. & Compile this list with the lists made by your classmates and then sort the items into the adjacent Table.	Be hard, be shiny just like metals Togetherness gives more strength like carbon.

4.	Pre Annual	Complete syllabus		
5	Annual	Complete Syllabus		

BIOLOGY

S.NO.	MONTH	EXAM	CHAPTER	ACTIVITY	VALUE
1	JULY	MICRO PREBOARD I	1.LIFE PROCESSES	1. Lab activities 2. Stomata slide preparation. Practical related to chapter	This chapter teach us importance of life and interconnectedness of living organisms with their environment and the importance of maintaining healthy ecosystem.
2	SEPTEMBER	MEGA PREBOARD I	1. LIFE PROCESS 2.CONTROL AND COORDINATION	1. Grow a plant to study phototropism in it. 2. Study of hydrotropism from sprouts. 3. Quick response activity.	Nervous system 's ability to adapt and and respond to stimuli teaches the value of being responsive and adaptive in life. Flexibility in the face of challenges and change is an essential life skill.
3	DECEMBER	MEGA PREBOARD-II	1.HOW ORGANISMS REPRODUCE 2. HEREDITY 3.OUR ENVIRONMENT	1. Study of asexual mode of reproduction in different organisms through slides. 2. bread mould activity 1. Visit in nearby nursery or garden to study variety of flowers and species. * Visit to Devguradia trenching ground.	*Reproduction chapter teaches us about balance in ecosystem is important. Every organism play vital role and has right to live in ecosystem. * Heredity determines genetic traits that contribute to an individual's identity. A moral value here is respecting each person's uniqueness, even if their traits are inherited or influenced by family history. This respect encourages inclusivity and discourages discrimination based on genetic conditions or ancestry. Respecting all forms of life, from plants to animals, and understanding how each part of the ecosystem plays a role in maintaining ecological balance. This also includes respecting natural habitats and working to prevent species extinction.

SUBJECT: SOCIAL SCIENCE

S.NO	EXAM	CHAPTER TO BE TAUGHT	ACTIVITY	VALUE/ANECDOTE
1.	Micro Pre-Board- I (PT-I)	Geography Ch.1 Resources and Development	Use of maps, charts, and other tools to identify patterns and trends of land utilization.	<u>Resource Management:</u> Implementing efficient resource use at home and school, such as recycling, composting, and using energy-efficient appliances.
		Democratic Politics Ch.1 Power sharing	Classroom discussion on challenges faced by Belgium & Sri Lanka in ensuring effective power sharing.	<u>Pluralism:</u> Appreciating and respecting a variety of cultural, social, and political perspectives.
		Economics Ch.1 Development	Debate on 'Health and Education are the true indicators of development.'	<u>Environmental Stewardship:</u> Realizing the importance of protecting the environment as a foundation for sustainable development.
		History Ch.1 The rise of Nationalism in Europe	Use of graphic organizers to explain unification of states to form one nation by making PPT/drawing	<u>Patriotism:</u> Fostering a sense of pride and love for one's country.
2.	Mega Pre-Board-I {Term-I}	Geography Ch.2 Forest and Wildlife Resources	Read newspaper articles/ watch videos on deforestation and need for conservation and through world café strategy present your findings	<u>Intergenerational Equity:</u> Recognizing the need to preserve natural resources for future generations.
		History Ch.2 Nationalism in India	Sequence chart/ story Board/ Story telling pedagogy to illustrate various facets of Nationalistic movements that ushered in the sense of Collective Belonging	<u>Non-violence and Peace:</u> Embracing the principles of non-violence and peaceful resistance as advocated by Mahatma Gandhi.

		Democratic Politics Ch.2 Federalism	Group discussion on the distribution of powers between Union and state Government and present the outcomes through presentations	<u>Decentralization</u> : Recognizing the benefits of decentralizing power to local authorities for better governance.
		Economics Ch.2 SectorsofIndianEconomy	Role plays of case studies explainingunderemployment/disguised unemployment.	<u>Teamwork and Collaboration</u> : Working effectively in teams, participating in group projects, and supporting collaborative efforts to enhance
3.	Micro Pre-Board - II (PT-II)	Geography Ch.3 WaterResources	Prepare a PPT to Summarize the roles of Multipurpose projects in supporting the water requirement of India	<u>Creating Awareness</u> : Promoting hygiene practices, raising awareness about waterborne diseases, and advocating for clean water access in underserved communities.
		History Ch.3 The Making of Global World	Initiate an Inquiry based learning using world café' strategy and present your findings through café conversation strategy of each area (transformed the world in terms of economy, political etc. aspects)	<u>Cultural Sensitivity and Respect</u> : learning new languages, and promoting intercultural dialogue and understanding.
		Democratic Politics Ch.3 Gender,ReligionandCaste	Skit/ street play to enumerate how the differences in gender, religion and caste impact the practicing healthy or otherwise in a Democracy	<u>Human Rights Advocacy</u> : Upholding human rights principles and advocating for the rights of all individuals.
		Economics Ch.3 MoneyandCredit	Case based study to Analyse and infer various sources of Credit.	<u>Savings Culture</u> : Setting savings goals, establishing emergency funds, and practicing frugality to achieve financial stability.
4.	Mega Pre-Board-II {Term-II}	Geography Ch.4 Agriculture	Collect Newspaper and have a panel discussion on the challenges faced by the farming community in India	<u>Hard Work and Perseverance</u> : Recognizing the importance of hard work and dedication in agriculture.

		Geography Ch.5 Mineral and Energy Resources	Use of flow chart to Differentiate between the conventional and nonconventional sources of energy	<u>Resource Conservation:</u> Understanding the finite nature of mineral and energy resources and the importance of their conservation.
		Geography Ch.6 Manufacturing Industries	Utilizes the textual information (data given through various maps/ graphs) to enumerate the impact of manufacturing industries on the environment and develop strategies for sustainable development of the manufacturing sector.	<u>Adaptability and Resilience:</u> Encouraging adaptability and resilience in the face of technological advancements and market changes.
		Economics Ch.4 Globalization and the Indian Economy	Watch videos on globalisation followed by an interactive group discussion to enumerate the concept of globalization and its definition, evolution, and impact on the global economy.	<u>Adaptability and Flexibility:</u> Embracing change and adapting to the evolving global economic landscape.
		History Ch.5 Print culture and The Modern World	Use of Venn diagram to compare the advantages of handwritten books and the printed books	<u>Freedom of Expression:</u> Upholding the freedom of expression as a fundamental human right.
		Democratic Politics Ch.4 Political Parties	Use flow chart to bring out the role, purpose and no. of Political Parties	<u>Democratic Participation:</u> Encouraging active participation in democratic processes.
		Democratic Politics Ch.5 Outcomes of Democracy	Graphic organizer to enumerate how a success of democracy depends on quality of government, economic wellbeing, in equality, social differences, conflict, freedom and dignity	<u>Accountability and Transparency:</u> Holding elected representatives and institutions accountable for their actions.
5.	Board Exams (2025-26)	(Full Syllabus)		

SUBJECT: ENGLISH COURSE

Sr. No	Month	Topic	Activity	Value
1	PT1 (April to June)	First Flight A letter to God (Prose)	Collect information about various facilities provided by the postal department	Unconditional faith
		Poem : Dust of snow	Discussion on what brings positivity in difficult times	Optimism
		Poem : Fire and Ice	GD – How do you think world will end?	Opposite things compliment each other
		Foot Print without feet A triumph of surgery	Class discussion: Pampering by parents and their possible consequences	Too much of cuddling could be dangerous
		Grammar& Writing Skills : Tenses , Analytical paragraph writing		
2	Half Yearly Exam (April to Aug)	First Flight Nelson Mandela – A long walk to freedom	Collect information and discuss about the role played by Nelson Mandela	Humanity
		Poem A Tiger in the zoo	Compare our situation during Lockdown with the animals in the zoo and birds in the cage locked down forever for our fun.	Spread awareness to save wild life
		Two stories about flying His First flight	Share your initial attempts at learning a skill. You could describe the challenges of learning to ride a bicycle or learning to swim	Courage Curiosity

		Black Aeroplane	Share your experiences when you took risk in your life.	Curiosity Believe in mystery
		Foot Print without feet The Thief's story	GD - How can Education change a man's perspective towards life?	Develop Helping ,Caring& Forgiveness
		The Midnight Visitor	Story telling	Importance of planning
		Grammar :Determiners & Subject Verb Concord Writing Skill :Letter Writing - Formal + PT1 SYLLABUS		
3	PT2 (Oct-Nov)	First Flight - How to tell the wild animals (poem)	Research and find information about Bengal Tiger, Chameleon and crocodile	understand animals' behaviour
		Poem The Ball poem	Story telling	Sensitivity towards the sufferings of losing things.
		From the Diary of Anne Frank Prose	GD – suffering of the Jews	Decision making in most adverse conditions
		Foot Print without feet A question of trust	Class discussion “Thief is not the one who steals, but the one that is caught.”	Be smart enough to judge a person
		Writing Skills &Grammar : Modals / Reported Speech		
4	Pre-Boards	First Flight Glimpses of India A Baker from Goa	A Video on Bakers of Goa	Develop inquisitiveness – towards people, culture and old methods.
		Coorg	A Video on Coorg	Respect Diversity

		Tea From Assam	Video on Tea gardens	Appreciate travelling across India
		Poem Amanda	Write down some of the things you want to do, but your parents/ elders do not allow you to	Analyze situations of life
		Mijbil the otter	Write 5 facts about otter	Empathise with animals
		Poem Trees	If Tree could move – discuss	Concern for Mother Earth
		Poem : Fog	Discuss - What is the science behind Fog?	Appreciate nature
		Madam rides the bus	Share your childhood memory travelling by a bus	Realise the lessons and experiences that travelling gives us
		The Sermon at Benares	Story telling	Acceptance
		The Proposal	Class discussion – ideal life partner	Acceptance
		The tale of custard the dragon (Poem)	Share incidences to illustrate ‘Never judge a book by its cover.’	Infer that good deeds are rewarded.
		For Anne Gregory (Poem)	Pair Discussion- Are some people more lovable‘ than others?	Purity of Soul
		Footprints without feet Foot Print without feet	List benefits of becoming invisible	Develop ethical values

		The Making of a scientist	A Guest lecture will be organised by inviting Science teachers in order to give insight in to the scientific approach	Inculcate competitive spirit
		The Necklace	Over ambition results in frustration and destruction. Express your views.	Greed has no limit
		Bholi	Share real life incidences	Care and concern for girls
		The book that saved the earth	Role Play	Presence of mind
5.	December	Pre-board Examination – Full course		

SUBJECT: HINDI

PERIODIC TEST - I				
S.NO		CHAPTER	ACTIVITY	VALUE
1.		काव्य खंड : 1. साखी (कबीर दास) गद्य खंड: 1. बड़े भाईसाहब व्याकरण: मुहावरे , अपठित गद्यांश पदबन्ध	अभ्यास पदों की प्रस्तुति कबीर का जीवन परिचय पदबन्धों के प्रकार, वाक्यों का रूपांतरण	<ul style="list-style-type: none"> • कल्पना-शक्ति का विकास • भाषा की विस्तृत जानकारी
HALF YEARLY EXAMINATION				
S.NO		CHAPTER	ACTIVITY	VALUE
2.		स्पर्श काव्य खंड: 1. साखी, 2. मीरा - पद 3. पर्वत प्रदेश के पावस , 4. मनुष्यता 5. तोप गद्य खंड: बड़े भाईसाहब, , डायरी का एक पन्ना, तर्तार वामीरो कथा , संचयन: हरिहर काका रचनात्मक लेखन: पत्र-लेखन, सूचना-लेखन, विज्ञापन-लेखन, अनुच्छेद-लेखन, अपठित गद्यांश व्याकरण: समास, मुहावरे, वाक्य-रचना (रचना के आधार पर)	ग्रामीण जीवन की जानकारी मीरा के पद की प्रस्तुति वर्षा ऋतु पर डायरी लेखन लोककथा समस्त पद और विग्रह, मुहावरों का वाक्यों में प्रयोग प्रारूप के आधार पर लेखन-गतिविधियाँ	अंधविश्वास से दूर रहना <ul style="list-style-type: none"> • ईश्वर के प्रति आस्था और विश्वास • ऋतुओं की जानकारी, प्राकृतिक सौन्दर्य • डायरी-लेखन कला का विकास • भौगोलिक और सांस्कृतिक जानकारी • भाषा पर पकड़, भाषा के नियमों की जानकारी • रचनात्मक लेखन-कला का ज्ञान, कल्पनाशक्ति का विकास

Periodic Test-II				
S.NO		CHAPTER	ACTIVITY	VALUE
3.		काव्य खंड: 7. कर चले हम फिदा गद्य खंड: 8. कारतूस व्याकरण: रचना के आधार पर वाक्य-रचना तीसरी कसम के शिल्पकार 'शैलेंद्र', अब कहाँ दूसरे के दुख से दुखी होने वाले	देशभक्ति गीतों का संकलन और प्रस्तुति गीतों का संकलन फिल्म समीक्षा पशु पक्षियों का संरक्षण- अनुच्छेद	देश के प्रति जागृति, शहीदों के प्रति आदर भावना समाज के हित और परोपकार के लिए जागृत करना

Pre Boards EXAM- I				
S.NO		CHAPTER	ACTIVITY	VALUE
4.		2. सपनों के से दिन, 3. टोपी शुक्ला संपूर्ण पाठ्यक्रम	विद्यालय के पूर्व दिनों की स्मृतियाँ साझा करना वाक्य रूपांतरण	जीवन में व्यावहारिकता और आदर्श का महत्व जीवन में शुद्ध भाषा का प्रयोग
		काव्य खंड: 6. आत्मब्रण गद्य खंड: 7. पतझर में टूटी पत्तियाँ अभ्यास-कार्य E मेल, लघु कथा	कविता-गायन स्वरचित कविता लेखन जापान की सभ्यता की जानकारी और परिचर्चा	<ul style="list-style-type: none"> जीवन संघर्ष के लिए तैयार रहना दृढ़ संकल्प, ईश्वर के प्रति आस्था आदर्शवादी और व्यावहारिक होना विदेशी संस्कृति का ज्ञान रचनात्मक लेखन-कला का ज्ञान,

Pre Boards EXAM- II				
5.		संपूर्ण पाठ्यक्रम		
Annual Examination				
6.		संपूर्ण पाठ्यक्रम		

NOTE: वार्षिक परीक्षा में संपूर्ण पाठ्यक्रम बोर्ड के अनुसार सम्मिलित किया जाएगा।

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