



Aadharshila Public School, Jind

.....A Foundation for Future



SESSION: 2026-27

ANNUAL SYLLABUS

CLASS: 7th

Aadharshila Public School is established with a noble dream of imparting international quality and affordable education for the student community of Jind. Aadharshila commits all its activities to enable in its alma matter the glory of wisdom, the sound principles of conduct and action and lay a solid foundation of true and purposeful living when he/she attains adulthood. Aadharshila is a centre of knowledge and a creative entity where newer and fresher ideas keep bubbling forth from young and energetic minds. Here education is a holistic process. It is the pious mission of this institution to enable our students to develop their ideas and talents to the full and help them realize their creative potential. Aadharshila Public School aims at imparting value based education, which equips its students to face the vicissitudes of life with courage and equanimity. Here we adopt a dynamic approach to education in accordance with the changing needs of the time to ensure the physical, cognitive and overall development in the students.

VISION

The Life of a child must be safe with wisdom, values, skills and character through right schooling, so that, it grows in to aesthetical rich, intellectually aware and integrated individual capable of fulfilling its dreams and aspirations.

MISSION

Aadharshila Public School is endowed with the sacred mission of preparing the small hands to act as catalysts for a better world. The small little sparks of care and concern for the whole living and non living world we create in a child's life, today, ignites a big bonfire for positive changes in this world for generations to come.

MOTTO

“The highest Tapasya is Knowledge acquisition”

The right knowledge, one has, reflects itself in one's own actions. The real knowledge unveils the devotions to Truth. The knowledge one gains through the life education is most important for an individual.

Important Numbers

1. Mrs. Anju Sihag (Madam Director) – 94671-11447
2. Mr. Satvir Singh Gahlawat (Principal) - 81212-90279
3. Office Reception - 94677-95136
4. Office Reception (Whatsapp) - 93504-14716
5. School Transport Incharge - 90503-14016



“The life of a child must be safe with wisdom, values, skills and character through right schooling.”

Online Fees Transaction Details:

Account No. - 50200098460010

**Account Name - AADHARSHILA EDUCATION
SOCIETY**

IFSC Code - HDFC0000680

Bank Name - HDFC BANK



English

April		
Book	Syllabus	Activity
Literature Grammar Writing	1. Modern Popularity 2. He Had Wings of Fire Modals, Verbs Notice Writing	Assignment–1, 2
May		
Literature Grammar Writing	3. The Courtship of Mr Stork and Miss Heron (Reading Only) 4. Delectable Fruits and Vegetables 5. Children of India Adverbs, Antonyms, Synonyms, Idioms & Phrases Diary Entry	Assignment–3, 4
July		
Literature Grammar Writing	6. Tenali Rama, the Second (Assignment) 7. Helen Keller Tenses Descriptive Paragraph	Assignment-5, 6, 7
August		
Literature Grammar Writing	8. Staying Fit and Fine! 9. Three Questions Determiners, Adjectives Email	Assignment-8, 9, 10
September		
1st Term Exam: Unseen Passage, Lesson- 1 to 9, Modals, Verbs, Adverbs, Antonyms, Synonyms, Idioms & Phrases, Tenses, Determiners, Adjectives, Notice, Diary Entry, Descriptive Paragraph, E-mail		
October		
Literature Grammar Writing	10. A Bicycle Built For Two 11. Uncle Podger Hangs a Picture Voice, Conditionals Article Writing	Assignment-11, 12, 13
November		
Literature Grammar Writing	12. Teen Power 13. Playthings (Reading Only) 14. Grandpa Fights an Ostrich Sentence, Clauses, One word substitution Speech Writing	Assignment- 14,15,16
December		
Literature Grammar Writing	15 My Childhood 16 Keep Going Reported Speech Letters (Informal), Debate (Competition)	Assignment- 17,18,19,20
January		
Literature Grammar Writing	17 A Dog's Life 18 Welcome to Canterville (Play) Prepositions, Conjunction, Homophones Letters (Formal)	Assignment-21, 22, 23

February

Revision Work

March

Final Exam: Unseen Passage, Lesson- 10 to 18, Voice, Conditionals, Sentence, Clauses, One- word substitution, Reported speech, Prepositions, Conjunction, Homophones, Tenses, Modals, Article writing, speech writing, Letters (Formal/Informal)

हिन्दी

अप्रैल

मल्हार	व्याकरण	रचनात्मक कार्य
पाठ-1 मां कह एक कहानी (कविता) पाठ -2 तीन बुद्धिमान	पाठ-1 भाषा, लिपि और व्याकरण पाठ-2 वर्ण विचार	अपनी मां के बारे में सात पंक्तियां लिखो।

मई

पाठ-3 फूल और कांटा (कविता) पाठ- 4 पानी रे पानी (निबंध)	पाठ-3 शब्द एवं शब्द भेद पाठ-5 शब्द भंडार पाठ-25 पत्र लेखन	बारिश आने पर आपको कैसा लगता है? अपना अनुभव बताइए ।
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जुलाई

पाठ-5 नहीं होना बीमार (कहानी)	पाठ- 4 संधि पाठ-6. शब्द निर्माण: उपसर्ग, प्रत्यय, समास पाठ- 20 मुहावरे पाठ -27 कहानी लेखन	कहानी के आधार बताइए कि आप किन किन बीमारियों के नाम जानते हो । जीवन में आप किस बीमारी से पीड़ित हुए हो और बीमारी से कैसे निजात मिला।
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अगस्त

पुनरावृत्ति (दोहराई)	पाठ-7 संज्ञा पाठ-8 लिंग पाठ-9 वचन पाठ-10 कारक पाठ-32 अपठित गद्यांश एवं काव्यांश, अनुच्छेद लेखन	कारक को चार्ट पर बनाकर उसके बारे में बताएँ।
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सितंबर

पुनरावृत्ति

अक्टूबर

पाठ-6 गिरीधर कविराय की कुंडलियां कविता) पाठ-7 वर्षा बाहर (कविता)	पाठ-11 सर्वनाम पाठ-12 विशेषण पाठ-13 क्रिया पाठ-28 संवाद लेखन	गिरीधर कविराय जी का चित्र बनाकर उनके दोहे लिखकर गाने की कोशिश करें।
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नवंबर		
पाठ-8. बिरजू महाराज से साक्षात्कार पाठ-9 चिड़िया (कविता)	पाठ- 14 काल पाठ- 15 वाच्य पाठ-16 अविकारी शब्द (अव्यय) पाठ-29 विज्ञापन लेखन	गुरु और शिष्य के बीच कैसा रिश्ता होता है। इसके बारे में दस लाईनें लिखें।
दिसंबर		
पाठ-10. मीरा के पद (पद)	पाठ-17 वाक्य संरचना पाठ-25 ई मेल लेखन पाठ-19 विराम चिह्न पाठ-31 सूचना लेखन	मीरा के आराध्य देव (श्री कृष्ण) का चित्र बनाएं उनके बारे में 10 लाइन लिखें।
जनवरी		
	पाठ-20 लोकोक्तियाँ पाठ-25 ई - मेल लेखन पाठ-18 अशुद्धि शोधन पाठ -32 अपठित गद्यांश एवंकाव्यांश	लिंग, वचन तथा कारक से संबंधित अशुद्धियों के पाँच- पाँच वाक्य लिखकर उनका शुद्ध लेखन कीजिए।
फरवरी		
पुनरावृत्ति		

Maths

April	
Syllabus	Activities
Algebraic Expressions (Synopsis 1 to 3)	Make a chart of algebraic identities on A4 size sheet.
May	
Exponents and powers (Synopsis 1)	Make a chart of law of exponents on A4 size sheet.
July	
Number system (Synopsis 1 to 7)	Make a chart on number system showing rational & irrational numbers.
August	
Comparing quantities and solid shapes. (Synopsis 1)	Activity: Draw nets of different 3D shapes.
September	
Revision + Term 1 exams	
October	
Polynomials (Synopsis 1 to 6)	Prepare a chart on types of polynomials.

November	
Linear equations (Synopsis 1 to 5)	Comparison between one variable and two variables linear equation by drawing graph.
December	
Plane geometry (Synopsis 1 to 3) Surds Synopsis (1 to 2)	Classification of triangles on the basis of sides and angles.
January	
Revision	
February	
Revision	
March	
Term-II Exam	

Physics

Syllabus	Activities
April	
Units and Measurement (Synopsis 1-5)	Measure classroom objects using a meter scale and Vernier callipers to understand precision.
May	
Vectors & Kinematics Vectors: Use (Synopsis 1-5)	"Tail-to-Head" paper cutouts to visualize displacement. Kinematics: Track a toy car's movement to calculate speed and distance.
July	
Types of Forces Synopsis 1 to 3 Newton's Laws of Motion Synopsis 1 to 7	Forces: Use spring balances to measure different weights.
August	
Work, Power, and Energy Synopsis 1 to 6	Build a simple pulley system or use a pendulum to observe energy transformation (Potential to Kinetic).
September	
Revision + Term 1 exams	
October	
Optics Synopsis 1 to 6	Experiment with plane mirrors to study reflection and use a prism to observe the dispersion of light.
November	
Fluid Pressure Synopsis 1 to 2	Use a plastic bottle with holes at different heights to observe how water pressure changes with depth.
December	
Heat Synopsis 1 to 2	Heat: Observe the expansion of a metal ball when heated or use different materials to test thermal conductivity.

January
Revision
February
Revision
March
Term-II Exam

Biology

Syllabus	Activities
April	
Chapter 1: Our Food and Its Components Chapter 2: Vitamins and Minerals (Half)	Food Pyramid: Labelling different components of food.
May	
Chapter 2: Vitamins and Minerals (Half) Chapter 4: Reproduction in Plants	Examine parts of a flower.
July	
Chapter 5: Types of Asexual Reproduction–Vegetable Propagation Chapter 6: Structure of Flower Chapter 7: Pollination	Dissect a real flower, money plant cutting Match Pollinators to flower types quiz.
August	
Chapter 9 Respiration in Organisms Chapter 10: Mechanism of Breathing Chapter 11: Respiratory System in Human Beings	CO ₂ test with lime water Diagram the diaphragm movement Build a lung model(Balloons +Bottle)
September	
Revision + Term 1 exams	
October	
Chapter 12: Process of Breathing in Other Animals Chapter 13: Respiration in Plants	Observe stomata under microscope
November	
Ch 17: Transportation and Its Components (Pg 95–98) Ch 18: Blood & Blood Groups	Blood group frequency pie chart (class survey)
December	
Ch 19: Blood Vessels (Pg 105–110) Ch 20: Structure of Heart and Pulse Rate (Pg 111–116)	Trace blood flow through a diagram (role play)
January	
Revision	
February	
Revision	

March

Term-II Exam

Assessment-Based Chapters

1	Ch 3: Balanced Diet
2	Ch 8: Dispersal of Seeds and Fruits
3	Ch 14: Soil
4	Ch 15: Soil Profile – Composition of Soil
5	Ch 16: Soil as Natural Resource

Chemistry

April

Syllabus	Activity
Synopsis-1, 2 (Symbols) Synopsis-3 (Valency) Synopsis-4 (Variable Valency)	Charts and notes shown to the students.

May

Synopsis-5 (Ions symbol) Synopsis-6 (Formulas) Synopsis-7 (Naming) Synopsis-8 (Oxidation number) PT-1 revision. Synopsis-1 to 8	
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July

Synopsis-9 (Chemical equation) Synopsis-10 (Balancing) Synopsis-11 (Types of chemical reaction) Synopsis-12 (Law of chemical combination)	
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August

Atomic structure Synopsis-1 (classification of matter) Synopsis-2 (Dalton theory) Synopsis-3 (sub atomic particle) Synopsis-4 (discovery of protons) Synopsis-5 (Rutherford model) Synopsis-6 (atomic number, mass number) Synopsis-7 (wave nature) Synopsis-8 (shapes of orbitals)	Charts and models.
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September

Periodic properties Synopsis-1 (classification of elements) Synopsis-2 (modern periodic table) Revision + Term 1 exams	
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October	
Synopsis-3 (Ionisation potential) Synopsis-4 (Electron affinity) Synopsis-5 (Electronegativity) Synopsis-6 (Electropositivity) Synopsis-7 (Metallic & non metallic) Synopsis-8 (Oxide & diagonal relationship)	Periodic table explain.
November	
Chemical bonding Synopsis-1 (introduction) Synopsis-2 (Kossel and Lewis approach) Synopsis-3 (Ionic bond) Synopsis-4 (Factor responsible for ionic or covalent bond) Synopsis-5 (Covalent bond formation) Synopsis-6 (Example of bonds) Synopsis-7 (Valence bond theory) Synopsis-8 (Hybridization) Synopsis-9 (Hybridization involving d orbitals) Synopsis-10 (VSEPR Theory) Synopsis-11 (Bond parameters) PT-2 (Periodic properties)	Charts and models
December	
Synopsis-1 (introduction) Synopsis-2 (Mole) Synopsis-3 Synopsis-4 (formulas) Synopsis-5 (oxidation number) Stoichiometry Synopsis-1 (introduction) Synopsis-2 (mass-volume relationship) Synopsis-3 (% composition) Synopsis-4 (limiting reagent) Synopsis-5 (oxidation) Synopsis-6 (redox reaction) Metal and non metal Synopsis-1 (Introduction) Synopsis-2 (Chemical properties)	Charts and models.
January	
Revision	
February	
Revision	
March	
Term-II Exam	

Social Studies

April		
Lesson	SYLLABUS	ACTIVITY
Lesson-1	Geographical Diversity of India	Draw a "Physical map" of India and use real materials to decorate it.
Lesson-2	Understanding the Weather	Track the temperature for 5 days using newspaper. Create a bar graph showing the rise and fall of temperature.
May		
Lesson-3	Climate of India	Write the name of the wettest place in India and driest place in India side by side to show climate differences. Only for project.
Lesson-4	New Beginning : Cities and States	Build a 'Brick House' model using empty matchbox to show planned street system of Mohenjo-daro.
July		
Lesson-5	The Rise of Empires The Age of Reorganisation	On a piece of paper, write 5 messages inspired by Ashoka.
Lesson-6		Find 5 items in your house that came from another state. Check the label for manufacturing address.
Lesson-7	The Gupta Era : An Age of Timeless Creativity	"The Golden Coin"- Use a gold-coloured bottle cap to design a coin showing an achievement of Gupta Period.
Lesson-8	How the Land Becomes Sacred	Visit a local temple, mosque, or church. Draw one unique architectural feature you saw there. Only for project.
August		
Lesson-9	From the Rulers to the Ruled: Types of Government	Make a "Then Vs Now" T-Chart. List 3 ways a king made decisions compared to how a Prime Minister takes decisions.
Lesson-10	The Constitution of India: An Introduction	Design a "Classroom Preamble" on an A4 sheet and write 5 rules for school.
Lesson-11	From Barter to Money	Interview your grandparents about what they could buy with "1 Rupee" when they were kids.
Lesson-12	Understanding Markets	Visit a local "Kirana" shop and a supermarket, write their differences. Only for reading.
September- Revision +Term-I Exam		
October		
Lesson-1	The Story of Indian Farming India and Her Neighbours	Create a "Farm-to-Fork" flow chart tracing one crop's journey from field to kitchen.
Lesson-2		Design a travel brochure for a neighbouring country highlighting its flag, capital and cultural links to India.
November		
Lesson-3	Empires and Kingdoms: 6th to 10th centuries	Participate in a "Mock Excavation" to identify dynasties based on hidden coins.
Lesson-4	Turning Tides: 11 th and 12 th Centuries	Construct clay models of specific temple features such as shikhara or gopuram.

December		
Lesson-5 Lesson-6	India, a Home to Many The State, the Government, and You	Only Project. Hold a "Classroom Election" to understand the democratic voting process.
January		
Lesson-7 Lesson-8	Infrastructure: Engine of India's Development Banks and the Magic of Finance	Only Project. Set up a "Classroom Bank" to practice filling out deposit slips, withdrawal forms and dummy cheques.
February		
Revision		
March		
Final Term Exam		

संस्कृत

अप्रैल

पाठ-1 पाठ-2	लङ्. लकार: (प्रथम पुरुषः) लङ्. लकार: (मध्यम पुरुषः) धातु रूप-पठ् (पठना) लट्, लृट्, लङ्. लकार में
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मई

पाठ-3 पाठ-4	लङ्. लकार: (उत्तम पुरुषः) लोट् लकार: (आज्ञार्थकम्) धातु रूप-गम् (जाना) लट्, लृट्, लङ्ग लकार में। भू (होना) लट्, लृट्, लङ्ग लकार में। शब्द रूप-नदी (इकारान्त स्त्रीलिंग) • लोभी कुक्कुरः (पठनाय, स्मरणाय, बोधनाय च)
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जुलाई

पाठ-5 पाठ-6	सत्ता-निर्णयः(राजदण्डः) सङ्ख्या-ज्ञानम् धातु रूप-लिख्(लिखना)पाँचों लकारों में शब्द रूप-राम(अकारान्त पुल्लिंग) तत् (पुल्लिंग), तत् (स्त्रीलिंग) क्षणमपि मा तिष्ठ (पठनाय, स्मरणाय, बोधनाय च)
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अगस्त

पाठ-7 पाठ-8	वृष्टिः चक्रम्(क्त्वा, तुमुन्, ल्यप्) सुवचनानि धातु रूप-पा(पीना), दा(देना) पाँचों लकारों में शब्द रूप-कवि, (इकारान्त पुल्लिंग) मति (इकारान्त स्त्रीलिंग) विलोम शब्दाः-1 से 15 (पृष्ठ संख्या 123)
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सितंबर

(दोहराई कार्य) प्रथम सत्रीय परीक्षा	
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अक्तूबर	
पाठ-9 पाठ-10	सङ्ग्रहालयः (विधिलिङ्. लकारः) स्वच्छतायाः महत्वम् • गुरुत्वाकर्षणसिद्धान्तं (पठनाय, स्मरणाय, बोधनाय च) धातु रूप-नम्(नमस्कार करना) पाँचों लकारों में शब्द रूप-रमा स्त्रीलिंग
नवंबर	
पाठ-11 पाठ-12	'जनरल' बिपिनरावतः सुभाषितानि • कपोत शिशु (पठनाय, स्मरणाय, बोधनाय च) धातु रूप-पच्(पकाना) पाँचों लकारों में शब्द रूप-पितृ (ऋकारान्त)
दिसंबर	
पाठ-13 पाठ-14	मूर्खः भृत्यः • त्रिकोणस्य क्षेत्रफलम् (पठनाय, स्मरणाय, बोधनाय च) नैव किलिष्टा न च कठिना धातु रूप-स्था (ठहरना), रक्ष्(रक्षा करना) पाँचों लकारों में
जनवरी	
पाठ-15 पाठ-16	बुद्धिर्यस्य बलं तस्य • संस्कृत-ग्रामाः डिजिटल साक्षरता शब्द रूप-मातृ (ऋकारान्त स्त्रीलिंग) विलोम शब्दाः 16 से 30 (पृष्ठ संख्या 123)
फरवरी	
दोहराई कार्य	
मार्च	
वार्षिक परीक्षा	

Computer

April	
Chapter	Syllabus
Chapter-1	Computer Virus
May	
Chapter-2	GIMP- Introduction
July	
Chapter-3	GIMP-Working with Layers
August	
Chapter-4	HTML 5 Introduction
September- Revision + Term-I Exam	

October	
Chapter-5	HTML5- Creating Web Pages using CSS.
November	
Chapter-6	HTML5 - Images, Links and Table
December/ January	
Chapter-7	Python- Conditional Control Structures and Turtle
February	
Revision	
March	
Final Term Exam	

ART

April	
Syllabus	Activity
Draw and colour object drawing. Draw and colour fruits. Draw a scalene triangle with compass (AB=6cm, BC=7cm, AC=8cm) Draw an isosceles triangle with compass. (DE=7cm, EF=7cm,DF=8cm)	Book mark
May	
Draw and color flowers. Draw still life with pencil shading.	Mother's day poster
July	
Draw a tree with pen. Draw & colour still life. Draw an equilateral triangle with side 6cm and 7cm with compass.	Save water poster
August	
Draw a Mandala Art. Draw pencil shading landscape. Draw a triangle ABC given angle A=60 ⁰ . angle B=90 ⁰ and AB=7cm. Draw and colour geometrical pattern.	Stop plastic poster
September- Revision Term-I Exam	
October	
Draw and colour vegetables composition. Draw and colour leaves. Draw a eyes, nose, lips, feet. Draw a triangle LMN, given angle L=30 ⁰ , M=90 ⁰ , and LM=8cm.	G-20 poster
November	
Draw a lantern with pen. Draw a triangle PQR given angle P=120 ⁰ angle Q=60 ⁰ , and PQ=7cm (with compass)	Save Earth poster

December	
Draw and colour cartoons. Draw and colour bird. Draw a triangle MNO given angle $M=40^\circ$, $N=110^\circ$, and $MN=7\text{cm}$ (with protector)	Paper Collage
January	
Draw and color warli art. Draw and color 3D Art. Draw a triangle EFG given. angle $E=50^\circ$, $F=120^\circ$ and $EF=7\text{cm}$ with protector.	
February	
Revision	
March	
Final Term Exam	

G.K.

April	
Lesson (1)	
May	
Lesson (2 to 4)	
July	
Lesson (5 to 8)	
August	
Lesson (9, 13 & 14)	
September- Revision+Term-I Exam	
October	
Lesson (15, 20, 23 & 24)	
November	
Lesson (31, 32, 33 & 34)	
December	
Lesson (36, 37, 42 & 43)	
January	
Lesson 44, 45 & 46	
February	
Revision	
March	
Final Term Exam	