



D.A.V. POLICE PUBLIC SCHOOL

POLICE LINES, NARNAUL



CLASS-7

SYLLABUS

SESSION 2022-23

Sr. No.	Subject	Unit Test - 1	Unit Test - 2	Half Yearly Exams	Unit Test - 3	Unit Test - 4	Final Exams
1.	Science	1.Nutrition in Living Organisms--- Plants 2.Nutrition in Living Organisms--- Animals and Man 3. Chemical Substances and Processes	6. Motion and Time 7. Respiration in Organism 14. Fabric From Fibre	1.Nutrition in Living Organisms-- - Plants 2.Nutrition in Living Organisms-- - Animals and Man 3.Chemical Substances and Processes 6.Motion and Time 7.Respiration in Organisms 14. Fabric From Fibre	4.Acids and Bases and Salts 8.Transportation in Plants and Animals 9.Reproduction in Plants	11. Electric Charges at Rest 12. Light 17. Electric Current and Its Effects	4. Acids and Bases and Salts 8. Transportation in Plants and Animals 9. Reproduction in Plants 11. Electric Charges at Rest 12. Light 17. Electric Current and Its Effects (For Internal Assessment) 10. Soil, 13. Weather, Climate and Adaption Of Animals, 15. Forests, 16. Water
	Science Activities	<p>1. Keep a stale, moist piece of bread in a warm corner of the kitchen and observe it for 3-4 days. Can you identify the organism growing on the piece of bread? Identify its mode of nutrition.</p> <p>2. Make a model of the digestive system (using clay/plasticine to make the organs) and rubber pipes/ ribbons to make the food pipe and small intestine.</p> <p>3. List any five physical and chemical changes that you see around you. Observe the changes in a leaf when both of its surfaces are coated with oil/ Vaseline? Perform this activity and give a simple explanation of your observations.</p>			<p>1. Lab Activity (Use red litmus strips and blue litmus paper strips)</p> <p>2. Boil some water in vessel. Cover it with a plate. Remove the plate after sometime. Allow it to cool. We will see droplets of water on the surface of plate. Try to find out why, and how, these water droplets are formed.</p> <p>3. To show that water, absorbed by the roots of a plant, is transported, from the stem, to leaves and flowers, through the xylem.</p> <p>4. Keep a few potatoes in a warm moist place for a few days. Observe the 'eye' portion that soon starts forming leaf like structures. Cut each potato into 3-4 pieces. Ensure that each piece has about 1-2 'eyes'. Bury these pieces in the soil. They will produce new potato plants within two weeks!</p> <p>5. You must have heard the story of the lion and the rabbit, from the Panchatantra, in which the rabbit fooled the lion by showing it, its reflection in water. Try to collect some more stories which are related with the phenomenon of reflection of light.</p>		
2.	Maths	1.Rational numbers 2.Operations on rational numbers 3.Rational number as decimals	4. Exponents and powers 5. Application of percentage 8. Triangle and it's properties 13. Symmetry 14. Visualising solids	1. Rational numbers 2.Operations on rational numbers 3. Rational number as decimals 4. Exponents and powers 5.Application of percentage 8. Triangle and it's properties 13. Symmetry 14. Visualising solids	6. Algebraic expressions 7. Linear equations in one variable 9. Congruent Triangles	10. Constructions of triangles 11. Perimeter and area 12. Data handling	6. Algebraic expressions 7. Linear equations in one variable 9. Congruent Triangles 10. Constructions of triangles 11 .Perimeter and area 12. Data handling

	Maths Activities	<p>1. Make a project on properties of rational number (addition, subtraction, multiplication, division)</p> <p>2. Make an activity on representation of integer and rational number on number line.</p> <p>3. Make chart on triangle and its properties.</p> <p>4. List your unit 1 marks in various subject in tabular form and convert them into the percentage.</p> <p>5. Show the line symmetry of five objects from day to day life.</p> <p>6. Make a model on cube, cuboid, prism, pyramid, cylinder, cone and sphere.</p>		<p>1. Making different kind of triangle.</p> <p>2. To show the concurrency by paper folding method.</p> <p>3. Models on congruency.</p> <p>4. Model on to find the area of triangle.</p> <p>5. Activity to find the area of circle by paper cutting method.</p> <p>6. Make an activity to show difference between perimeter and area.</p>			
3.	Hindi	<p>पाठ-1. बारहमासा - संयुक्त व्यंजन एवं उच्चारण</p> <p>पाठ-2. नाटक में नाटक - अनुस्वार एवं अनुनासिक अपठित गद्यांश</p>	<p>पाठ- 3.निर्मला ,साँप और सयाल -संज्ञा व भेद</p> <p>पाठ-4. बातूनी - उपसर्ग व प्रत्यय अपठित गद्यांश</p>	<p>पाठ-1. बारहमासा - संयुक्त व्यंजन एवं उच्चारण</p> <p>पाठ-2. नाटक में नाटक -अनुस्वार एवं अनुनासिक</p> <p>पाठ-3. निर्मला, साँप और सयाल -संज्ञा व भेद</p> <p>पाठ- 4. बातूनी - उपसर्ग और प्रत्यय</p> <p>पाठ-6. समय - विसर्ग- चिह्न</p> <p>पाठ-7. स्कूल की छुट्टियाँ——— सर्वनाम व भेद</p> <p>पाठ-8. एवरेस्ट की चुनौतियाँ - विशेषण व भेद</p> <p>पाठ-9. सवाल का जवाब -क्रिया व भेद अनुच्छेद, पत्र लेखन, सूचना और संवाद अभ्यास सागर आधारित अपठित गद्यांश, पठित काव्यांश, पठित गद्यांश</p>	<p>पाठ- 11. उस रात की बात - क्रियाविशेषण व भेद</p> <p>पाठ-12. दोहे - विविध शब्द प्रयोग अपठित गद्यांश</p>	<p>पाठ-15. अन्नदाता कृषक - रूढ़, यौगिक, योगरूढ शब्द</p> <p>पाठ-16. देशभक्त पुरु - संयुक्त क्रिया एवं रंजक क्रिया , समुच्चय बोधक अव्यय अपठित गद्यांश</p>	<p>पाठ-10. उस रात की बात - क्रिया विशेषण व भेद</p> <p>पाठ- 12. दोहे - विविध शब्द प्रयोग</p> <p>पाठ-13. साहस को सलाम - काल व भेद</p> <p>पाठ-15. अन्नदाता कृषक - रूढ़, यौगिक, योगरूढ शब्द</p> <p>पाठ-16. देशभक्त पुरु - संयुक्त क्रिया एवं रंजक क्रिया , समुच्चय बोधक अव्यय</p> <p>पाठ-17. काकी-शब्द भेद(तत्सम, तद्भव, देशज, आगत</p> <p>पाठ-18. बाललीला और कुंडलिया - अनुप्रास अलंकार</p> <p>पाठ-19 गणेशोत्सव - विराम-चिह्न</p> <p>पाठ-20. कर्मवीर -कारक अनुच्छेद, पत्र लेखन, सूचना , संवाद अभ्यास सागर आधारित अपठित गद्यांश, पठित काव्यांश, पठित गद्यांश</p>
	Hindi Activities	<p>1. संयुक्त व्यंजन एवं उच्चारण</p> <p>2. संज्ञा व भेद</p> <p>3. विशेषण व भेद</p> <p>4. विसर्ग चिह्न</p> <p>5. उपसर्ग और प्रत्यय</p>		<p>1. काल व भेद</p> <p>2. रूढ़, यौगिक, योगरूढ शब्द</p> <p>3. शब्द भेद(तत्सम, तद्भव, देशज, विदेशज)</p> <p>4. अनुप्रास अलंकार</p> <p>5. कारक</p>			

4.	English	Literature: The monkey trouble English Reader: People at Work Grammar / English Practice Book: Articles	Literature: Birdie, will you my pet (poem), A Hero English Reader: Relationships Grammar / English Practice Book: The Sentence, The Compound Sentence	Literature: Monkey Trouble, Birdie, Will you pet? (Poem), A Hero, Fight Manju Fight, I Dream a World English Reader: People at Work, Relationships, Attitude Grammar / English Practice Book: Articles, The Sentence, The Compound Sentence, Phrases and Clauses, Transitive and Intransitive Verbs	Literature: Stone Soup in Bohemia, A stormy Adventure English Reader: Achievers Grammar / English Practice Book: Modals, Passive Voice	Literature: The Spider and the Fly, The Human Robot English Reader: The Future World Grammar / English Practice Book: Reported Speech, Future Time Reference	Literature: Stone Soup in Bohemia, A stormy Adventure, The Spider and the Fly, The Human Robot, Friends and Flatterers English Reader: Achievers, The Future World, Unity in Diversity Grammar / English Practice Book: Modals, Passive Voice, Reported Speech, Future Time Reference, Perfect Progressive Tenses
	English Activities	<ol style="list-style-type: none"> Write the definition of Sentence and its types. Make a chart on Phrases and Clauses Make a Chart on Transitive and Intransitive Verb Articles Birdie, Will you pet? Draw a picture related to the poem. 			<ol style="list-style-type: none"> Make a Chart on Modals. Passive Voice. Reported Speech Make a Chart on Perfect Progressive Tense Future Time Reference 		
5.	Social Science	<ol style="list-style-type: none"> Components of Environment The earth and the change on it Medieval Period The Rise of small kingdoms in North India Democracy and Equality Our state Government 	<ol style="list-style-type: none"> The surface and Interior of the earth. Air Around US The rise of small kingdom in South India. Media - The mainstay of Democracy. Adverting and Democracy. Turkish Invasions in North India. 	<ol style="list-style-type: none"> Component of environment The earth and the change on it. Medieval Period The Rise of small Kingdoms in North India Democracy and Equality Our state Government The surface and Interior of the Earth Air found us. The Rise of small kingdoms in South India Turkish Invasion. in North India Media - The Mainstay of Democracy Adverting and Democracy. 	<ol style="list-style-type: none"> Water surrounding the earth Life on the earth Delhi Sultance. Regional Powers Unpacking Gender 	<ol style="list-style-type: none"> Human environment Settlement Transport and communicating Land and the people The Mughal Empire Emergence of Independent states Markets around us. 	<ol style="list-style-type: none"> Water Surrounding the earth Life on the earth Human environment (Settlement, Transport and communication). Land and the people. Delhi sultanate Regional power The Mughal Empire Emergence of Independents states Major Religious Unpacking Gender Market around us.
	Social Science Activities	<ol style="list-style-type: none"> Map skill and Diagram of Biosphere Make a Model The layers of Soil and make a chart of Delta. Make a chart of small Kingdoms in North India Make model of the Earth's a interior showing it's major layers. make a model of different types of rock! A group discussion on radio / Television help the people sitting at 			<ol style="list-style-type: none"> Collect pictures and a chart of three species make of animals or plants which are facing the danger of extinction Draw a chart of communication devices and modes of Transportation I make a chart small Kingdoms in South India. Each chapter – some important facts. Each chapter – filling Map skills. 		

		Chaupal to form opinion and decide about the Candidate of their choice in the election.					
6.	Sanskrit	<p>प्रथमः पाठः बुद्धिः एव अस्माकं बलम् [व्याकरणकार्यम्- धातुरूपाणां प्रयोगः (लट्- लङ्- लृटलकारः)] द्वितीयः पाठः अभ्यासः एव परमो गुरुः (व्याकरणकार्यम्- अव्ययपदानि, उपसर्गाः च)</p>	<p>तृतीयः पाठः उपकारकाः वृक्षाः (व्याकरणकार्यम्- 'क्त्वा' प्रत्ययः) चतुर्थः पाठः आगच्छ! भोजनं कुर्याम (व्याकरणकार्यम्-लोट् लकारः, क्त्वा प्रत्यय) तृतीयः पाठः उपकारकाः वृक्षाः (व्याकरणकार्यम्- 'क्त्वा' प्रत्ययः) चतुर्थः पाठः आगच्छ! भोजनं कुर्याम (व्याकरणकार्यम्-लोट् लकारः, क्त्वा प्रत्यय) पञ्चमः पाठः सुवचनानि (व्याकरणकार्यम्-शब्दरूपाणां प्रयोगः)</p>	<p>प्रथमः पाठः बुद्धिः एव अस्माकं बलम् [व्याकरणकार्यम्-धातुरूपाणां प्रयोगः (लट्-लङ्-लृटलकारः)] द्वितीयः पाठः अभ्यासः एव परमो गुरुः (व्याकरणकार्यम्-अव्ययपदानि, उपसर्गाः च) तृतीयः पाठः उपकारकाः वृक्षाः (व्याकरणकार्यम्- 'क्त्वा' प्रत्ययः) चतुर्थः पाठः आगच्छ! भोजनं कुर्याम (व्याकरणकार्यम्-लोट् लकारः, क्त्वा प्रत्यय) पञ्चमः पाठः सुवचनानि (व्याकरणकार्यम्-शब्दरूपाणां प्रयोगः)</p>	<p>षष्ठः पाठः यस्य बुद्धिः तस्य बलम् (व्याकरणकार्यम्- 'तुमुन्' प्रत्ययः) सप्तमः पाठः बुद्धिः एव उत्तमा (व्याकरणकार्यम्- विशेषणं विशेष्यम् च) अष्टमः पाठः अविवेकः परमापदा पदम् [व्याकरणकार्यम्- विशेषण- विशेष्यपदानि (सर्वनाम-पदानि), अस्मद्-युष्मद् सर्वनाम-प्रयोगः] नवमः पाठः बुद्धिमान् गोपालकः (व्याकरणकार्यम्- उपपदविभक्तिः)</p>	<p>षष्ठः पाठः यस्य बुद्धिः तस्य बलम् (व्याकरणकार्यम्- 'तुमुन्' प्रत्ययः) सप्तमः पाठः बुद्धिः एव उत्तमा (अष्टमः पाठः अविवेकः परमापदा पदम् [व्याकरणकार्यम्-विशेषण- विशेष्यपदानि (सर्वनाम-पदानि), अस्मद्-युष्मद् सर्वनाम-प्रयोगः] नवमः पाठः बुद्धिमान् गोपालकः (व्याकरणकार्यम्-उपपदविभक्तिः) व्याकरणकार्यम्- विशेषणं विशेष्यम् च) दशमः पाठः मधुरवचनानि (व्याकरणकार्यम्-सङ्ख्याप्रयोगः, सन्धिः) (पत्र- लेखनम्, चित्र-वर्णनम् च) अपठित गद्यांश</p>	
	Sanskrit Activities	<p>1. अभ्यास से सम्बन्धित कोई पांच सूक्तियाँ अर्थ सहित चार्ट पर लिखो । 2. पेड़ का चित्र बनाकर उसके भागों का नाम संस्कृत में लिखें ।</p>			<p>1. विशेषण व विशेष्य से सम्बन्धित चार्ट बनाओं । 2. अस्मद् व युष्मद् शब्द रूपम बनाना ।</p>		