

KHELGAON PUBLIC SCHOOL

CLASS: IX

ANNUAL SYLLABUS

2022-2023

Sr. No	Subject	Syllabus
1	English	<p>Section A Reading Skills Reading Comprehension through Unseen Passage I. Discursive passage of 400-450 words. II. Case-based passage (with visual input- statistical data, chart etc.) Multiple Choice Questions / Objective Type Questions will be asked to assess inference, analysis, interpretation, evaluation and vocabulary.</p> <p>Section B III Grammar Tenses• Modals• Subject – verb concord• Reported speech• Commands and requests, Statements, Questions, Determiners, The courses at the secondary level seek to cement high professional grasp of grammatical items and levels of accuracy. Accurate use of spelling, punctuation and grammar will be assessed through Gap Filling/ Editing/Transformation exercises.</p> <p>IV Creative Writing Skills This section will have short as well as long writing tasks including compositions. a. Writing a Descriptive Paragraph on a person/event/situation based on visual or verbal cue/s. One out of two questions is to be answered. b. Writing a Diary Entry/ Story on a given title in. One out of two questions is to be answered.</p> <p>Section C V. Reference to the Context a. One extract out of two from Drama / Prose. b. One extract out of two from poetry. Multiple Choice Questions / Objective Type Questions will be asked to assess inference, analysis, interpretation, evaluation and vocabulary.</p> <p>VI. Short & Long Answer Questions I. Four out of Five Short Answer Type Questions to be answered in 40-50 words from the book BEEHIVE. II. Two out of Three Short Answer Type Questions to be answered in 40-50 words from the book MOMENTS. 3x2=6 marks III. One out of two Long Answer Type Questions from BEEHIVE to be answered in about 100-120 words to assess creativity, imagination and extrapolation beyond the text and across the texts. This can also be a passage-based question taken from a situation/plot from the texts IV. One out of two Long Answer Type Questions from MOMENTS on theme or plot involving interpretation, extrapolation beyond the text and inference or character sketch to be answered in about 100-120 words.</p> <p>Prescribed Books: Published by NCERT, New Delhi Beehive Prose 1. The Fun They Had 2. The Sound of Music 3. The Little Girl 4. A Truly Beautiful Mind 5. The Snake and the Mirror 6. My Childhood 7. Reach For The Top 8. Kathmandu 9. If I were You Poems1. The Road Not taken 2. Wind 3. Rain on The Roof 4. The Lake Isle of Innisfree 5. A Legend of The Northland 6. No Men Are Foreign 7. On killing a tree 8. A Slumber Did My Spirit Seal Moments 1. The Lost Child 2. The adventures of Toto 3. Iswaran the Storyteller 4. In the kingdom of fools 5. The Happy Prince 6. The Last Leaf 7. A House is not a Home 8. The Beggar</p>

2	Hindi	1	अपठित गद्यांश व काव्यांश पर चिंतन क्षमता एवं अभिव्यक्ति कौशल पर आधारित बहुविकल्पी प्रश्न
		अ	एक अपठित गद्यांश लगभग 250 शब्दों का। (1x5=5) (विकल्प के बिना)
		ब	एक अपठित काव्यांश लगभग 120 शब्दों का। (1x5=5) विकल्प सहित
		2	व्याकरण के लिए निर्धारित विषयों पर विषयवस्तु का बोध, भाषिक बिंदु/ संरचना आदि पर बहुविकल्पी प्रश्न। (1x16) कुल 20 प्रश्न पूछे जाएँगे, जिनमें से केवल 16 प्रश्नों के उत्तर देने होंगे। व्याकरण
		1	शब्द निर्माण उपसर्ग - 2 अंक, प्रत्यय - 2 अंक, समास - 4 अंक उपसर्ग-प्रत्यय- (5 में से 4 प्रश्न करने होंगे), समास (5 में से 4 प्रश्न करने होंगे)
		2	अर्थ की दृष्टि से वाक्य भेद - 4 अंक (5 में से 4 प्रश्न करने होंगे)
		3	अलंकार - 4 अंक (शब्दालंकार : अनुप्रास, यमक) (अर्थालंकार : उपमा, रूपक) (5 में से 4 प्रश्न करने होंगे)
		3	पाठ्यपुस्तक क्षितिज भाग - 1
		अ	गद्य खंड
		1	क्षितिज से निर्धारित पाठों में से गद्यांश के आधार पर विषयवस्तु का ज्ञान, बोध, अभिव्यक्ति आदि पर एक अंकीय पाँच बहुविकल्पी प्रश्न पूछे जाएँगे। (1x5)
		2	क्षितिज से निर्धारित गद्य पाठों के आधार पर विद्यार्थियों की उच्च चिंतन क्षमताओं एवं अभिव्यक्ति का आकलन करने हेतु एक अंकीय दो बहुविकल्पी प्रश्न पूछे जाएँगे। (1x2)
		ब	काव्य खंड
		1	क्षितिज से निर्धारित कविताओं में से काव्यांश के आधार पर एक अंकीय पाँच बहुविकल्पी प्रश्न पूछे जाएँगे (1x5)
		2	क्षितिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्य-बोध परखने हेतु एक अंकीय दो बहुविकल्पी प्रश्न पूछे जाएँगे। (1x2)
			खंड - ब (वर्णनात्मक प्रश्न)
			पाठ्यपुस्तक क्षितिज भाग - 1 व पूरक पाठ्यपुस्तक कृतिका भाग - 1
		1	अ
			गद्य खंड
			क्षितिज से निर्धारित पाठों में से विषयवस्तु का ज्ञान, बोध, अभिव्यक्ति आदि पर तीन प्रश्न पूछे जाएँगे।(विकल्प सहित- 25-30 शब्द-सीमा वाले 4 में से 3 प्रश्न करने होंगे) (2x3)
			ब
			काव्य खंड
			क्षितिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्यबोध परखने हेतु तीन प्रश्न पूछे जाएँगे। (विकल्प सहित-25-30 शब्द-सीमा वाले 4 में से 3 प्रश्न करने होंगे) (2x3)
			स
			पूरक पाठ्यपुस्तक कृतिका भाग - 1
			कृतिका से निर्धारित पाठों पर आधारित दो प्रश्न पूछे जाएँगे। (4x2) (विकल्प सहित-50-60 शब्द-सीमा वाले 3 में से 2 प्रश्न करने होंगे)
			स
			पूरक पाठ्यपुस्तक कृतिका भाग - 1
			कृतिका से निर्धारित पाठों पर आधारित दो प्रश्न पूछे जाएँगे। (4x2) (विकल्प सहित-50-60 शब्द-सीमा वाले 3 में से 2 प्रश्न करने होंगे)
		2	लेखन
		क	विभिन्न विषयों और संदर्भों पर विद्यार्थियों के तर्कसंगत विचार प्रकट करने की क्षमता को परखने के लिए संकेत बिंदुओं पर आधारित समसामयिक एवं व्यावहारिक जीवन से जुड़े हुए विषयों में से किन्हीं तीन विषयों पर लगभग 120 शब्दों में किसी एक विषय पर अनुच्छेद (6x1)
		ख	अभिव्यक्ति की क्षमता पर केंद्रित औपचारिक अथवा अनौपचारिक विषयों में लगभग 100 शब्दों में किसी एक विषय पर पत्र। (5x1)
		ग	दिए गए विषय/शीर्षक आदि के आधार पर रचनात्मक सोच के साथ लगभग 100 शब्दों में लघुकथा लेखन। (5x1) अथवा विविध विषयों पर आधारित लगभग 100 शब्दों में औपचारिक ई-मेल लेखन।
		घ	दी गई परिस्थितियों के आधार पर लगभग 80 शब्दों में संवाद लेखन। (4x1) अथवा व्यावहारिक जीवन से संबंधित विषयों पर आधारित लगभग 80 शब्दों में सूचना लेखन।

		<p>नोट - निम्नलिखित पाठों से प्रश्न नहीं पूछे जाएँगे-</p> <table border="1"> <tr> <td>कृतिज, भाग - 1</td> <td>काव्य खंड</td> <td> <ul style="list-style-type: none"> केदारनाथ अग्रवाल - चंद्र गहना से लौटती बेर (पूरा पाठ) चंद्रकांत देवताले - यमराज की दिशा (पूरा पाठ) </td> </tr> <tr> <td></td> <td>गद्य खंड</td> <td> <ul style="list-style-type: none"> चपला देवी - नाना साहब की पुत्री देवी मैना को भस्म कर दिया गया (पूरा पाठ) हजारीप्रसाद द्विवेदी - एक कुत्ता और एक मैना (पूरा पाठ) </td> </tr> <tr> <td>कृतिका, भाग - 1</td> <td></td> <td> <ul style="list-style-type: none"> विद्यासागर नॉटियाल - माटी वाली (पूरा पाठ) शमशेर बहादुर सिंह - किस तरह आखिरकार मैं हिंदी में आया (पूरा पाठ) </td> </tr> </table>	कृतिज, भाग - 1	काव्य खंड	<ul style="list-style-type: none"> केदारनाथ अग्रवाल - चंद्र गहना से लौटती बेर (पूरा पाठ) चंद्रकांत देवताले - यमराज की दिशा (पूरा पाठ) 		गद्य खंड	<ul style="list-style-type: none"> चपला देवी - नाना साहब की पुत्री देवी मैना को भस्म कर दिया गया (पूरा पाठ) हजारीप्रसाद द्विवेदी - एक कुत्ता और एक मैना (पूरा पाठ) 	कृतिका, भाग - 1		<ul style="list-style-type: none"> विद्यासागर नॉटियाल - माटी वाली (पूरा पाठ) शमशेर बहादुर सिंह - किस तरह आखिरकार मैं हिंदी में आया (पूरा पाठ)
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3	Mathematics	<p>Ch-1 Real Numbers, Ch-2 Polynomials Ch-3 Linear Equations In Two Variables Ch-4 Coordinate Geometry, Ch-6 Lines and Angles, Ch-7 Triangles, Ch-8 Quadrilaterals, Ch-10 Circles, Ch-12 Heron's formula, Ch-13 Surface Areas and Volumes, Ch-14 Statistics, Ch-15 Probability</p>									
4	Science	<p>Theme: Materials Unit I: Matter-Nature and Behaviour Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation. Nature of matter: Elements, compounds and mixtures. Heterogeneous and homogeneous mixtures, colloids and suspensions. Physical and chemical changes (excluding separating the components of a mixture). Particle nature and their basic units: Atoms and molecules, Law of Chemical Combination, Chemical formula of common compounds, Atomic and molecular masses. Structure of atoms: Electrons, protons and neutrons, Valency, Atomic Number and Mass Number, Isotopes and Isobars.</p> <p>Theme: The World of the Living Unit II: Organization in the Living World Cell - Basic Unit of life : Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number. Tissues, Organs, Organ System, Organism: Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants).</p> <p>Theme: Moving Things, People and Ideas Unit III: Motion, Force and Work Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, elementary idea of uniform circular motion. Force and Newton's laws : Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall. Floatation: Thrust and Pressure. Archimedes' Principle; Buoyancy. Work, Energy and Power: Work done by a Force, Energy, power; Kinetic and Potential energy; Law of conservation of energy (excluding commercial unit of Energy). Sound: Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound; reflection of sound; echo.</p> <p>Theme: Food Unit IV: Food Production Plant and animal breeding and selection for quality improvement and management; Use of fertilizers and manures; Protection from pests and diseases; Organic farming.</p>									
5	Social Science	<p>Unit 1: India and the Contemporary World - I Section 1: Events and Processes: (All the three themes are compulsory) I. The French Revolution: French Society During the Late• Eighteenth Century The Outbreak of the Revolution• France Abolishes Monarchy and• Becomes a Republic Did Women have a Revolution?• The Abolition of Slavery• The Revolution and Everyday Life• II. Socialism in Europe and the Russian Revolution: The Age of Social Change• The Russian Revolution• The February Revolution in Petrograd• What Changed after October?• The Global Influence of the Russian• Revolution and the USSR</p>									

III. Nazism and the Rise of Hitler: Birth of the Weimar Republic• Hitler's Rise to Power• The Nazi Worldview• Youth in Nazi Germany• Ordinary People and the Crimes• Against Humanity

Section 2: Livelihoods, Economies and Societies:

IV. Forest Society and Colonialism: Why Deforestation?• The Rise of Commercial Forestry• Rebellion in the Forest• Forest Transformations in Java•

V. Pastoralists in the Modern World: Pastoral Nomads and their Movements• Colonial Rule and Pastoral Life• Pastoralism in Africa•

Unit 2: Contemporary India - I

1. India Location• Size• India and the World• India's Neighbours•

2. Physical Features of India: Major Physiographic Divisions –• Himalayan Mountains, Northern Plains, Peninsular Plateau, Indian Desert, Coastal Plains, Islands 3. Drainage: Concept• Drainage Systems in India• The Himalayan Rivers - Ganga and• Brahmaputra River System The Peninsular Rivers- Narmada Basin,• Tapti Basin, Godavari Basin, Mahanadi Basin, Krishna Basin, Kaveri Basin Lakes• Role of Rivers in the Economy• River Pollution•

4. Climate: Concept• Climatic Controls• Factors influencing India's climate –• Latitude, Altitude, Pressure and Winds (excluding Jet Streams and Western Cyclonic Disturbances and related figures) The Seasons – Cold Weather Season,• Hot Weather Season, Advancing Monsoon, Retreating/Post Monsoons Distribution of Rainfall• Monsoon as a unifying bond•

5. Natural Vegetation and Wild Life: Types of Vegetation – Tropical• Evergreen Forests, Tropical Deciduous Forests, Thorn Forests and Shrubs, Montane Forests, Mangrove Forests Wild Life•

6. Population: Population Size and Distribution –• India's Population Size and Distribution by Numbers, India's Population Distribution by Density Population Growth and Processes of• Population Change – Population Growth, Processes of Population Change/Growth

Unit 3: Democratic Politics - I

1. What is Democracy? Why Democracy? What is Democracy?• Features of Democracy• Why Democracy?• Broader Meanings of Democracy• 2. Constitutional Design: Democratic Constitution in South Africa• Why do we need a Constitution?• Making of the Indian Constitution• Guiding Values of the Indian Constitution• 3. Electoral Politics: Why Elections?• What is our System of Elections?• What makes elections in India• democratic? 4. Working of Institutions: How is the major policy decision taken?• Parliament• Political Executive• The Judiciary• 5. Democratic Rights: Life without Rights• Rights in a Democracy• Rights in the Indian Constitution• Expanding scope of rights•

Unit 4: Economics

1. The Story of Village Palampur: Overview• Organization of Production• Farming in Palampur• Non-farm activities in Palampur•

2. People as Resource: Overview• Economic Activities by Men and Women• Quality of Population• Unemployment•

3. Poverty as a Challenge: Overview• Two typical cases of Poverty• Poverty as seen

by Social Scientists• Poverty Estimates• Vulnerable Groups• Interstate Disparities• Global Poverty Scenario• Causes of Poverty• Anti-Poverty measures

• The Challenges Ahead•

4. Food Security in India: Overview• What is Food Security?• Why Food Security?• Who are food insecure?• Food Security in India• What is Buffer Stock?• What is the Public Distribution System?• Current Status of Public Distribution• System Role of Cooperatives in food security•

6	Computer Application	<p>Unit 1: Basics of Information Technology • Computer Systems: characteristics of a computer, components of a computer system – CPU, memory, storage devices and I/O devices • Memory: primary (RAM and ROM) and secondary memory • Storage devices: hard disk, CD ROM, DVD, pen/flash drive, memory stick • I/O devices: keyboard, mouse, monitor, printer, scanner, web camera • Types of software: system software (operating system, device drivers), application software including mobile applications • Computer networking: Type of networks: PAN, LAN, MAN, WAN, wired/wireless communication, Wi-Fi, Bluetooth, cloud computers (Private/public) • Multimedia: images, audio, video, animation Unit 2: Cyber-safety • Safely browsing the web and using social networks: identity protection, proper usage of passwords, privacy, confidentiality of information, cyber stalking, reporting cybercrimes • Safely accessing websites: viruses and malware , adware Unit 3: Office tools • Introduction to a word processor: create and save a document. • Edit and format text: text style (B, I, U), font type, font size, text colour, alignment of text. Format paragraphs with line and/or paragraph spacing. Add headers and footers, numbering pages, grammar and spell check utilities, subscript and superscript, insert symbols, use print preview, and print a document. • Insert pictures, change the page setting, add bullets and numbering, borders and shading, and insert tables – insert/delete rows and columns, merge and split cells. • Use auto-format, track changes, review comments, use of drawing tools, shapes and mathematical symbols. • Presentation tool: understand the concept of slide shows, basic elements of a slide, different types of slide layouts, create and save a presentation, and learn about the different views of a slide set – normal view, slide sorter view and hand-outs. • Edit and format a slide: add titles, subtitles, text, background, and watermark, headers and footers, and slide numbers. • Insert pictures from files, create animations, add sound effects, and rehearse timings. • Spreadsheets: concept of a worksheet and a workbook, create and save a worksheet. • Working with a spreadsheet: enter numbers, text, date/time, series using auto fill; edit and format a worksheet including changing the colour, size, font, alignment of text; insert and delete cells, rows and columns. Enter a formula using the operators (+, -, *, /), refer to cells, and print a worksheet. • Use simple statistical functions: SUM (), AVERAGE (), MAX (), MIN (), IF () (without compound statements); embed charts of various types: line, pie, scatter, bar and area in a worksheet. 4. Lab Exercises • Browser settings for a secure connection • Working with the operating system: Navigation of the file system using a mouse and keyboard. • Word processing: create a text document; create a letter, report, and greeting card. • Create a text document with figures in it. It should describe a concept taught in another course. • Discuss the following in a text document about the basic organisation of a computer: CPU, memory, input/output devices, hard disk. • Create a text document in an Indian language other than English. • Create a presentation. • Create a presentation with animation. • Include existing images/ pictures in a presentation. • Animate pictures and text with sound effects in a presentation • Create a simple spreadsheet and perform the following operations: min, max, sum, and average. • Create different types of charts using a spreadsheet: line, bar, area and pie.</p>
7	MUSIC	<p>वाद्य किसे कहते हैं?, वाद्यों के प्रकार, राग: भैरव (संक्षिप्त परिचय), ताल: तीनताल का परिचय Patriotic Song: बहे खून मेरा चमन के लिए, Instrument-Harmonium & Drum Set</p>
8	DANCE	<p>Difference between Folk & Classical Dance, Genres of Dances</p>