

MODERN PUBLIC SCHOOL, SHALIMAR BAGH
SYLLABUS FOR THE SESSION: 2018-19
CLASS IX

ENGLISH

Prescribed Books: (Published by NCERT)

- 1. Bee Hive – Textbook for class IX**
- 2. Moments- Supplementary Reader for class IX**

UNIT TEST– I

Literature Reader	:	Chapter-1 Poem 1
Supplementary Reader	:	Chapter 1
Writing Skills	:	Diary entry
Grammar	:	Determiners

TERM– I

Literature	:	Chapter 1 to 6 Poem 1 to 5
Supplementary Reader	:	Chapter 1 to 5
Writing Skills	:	Diary Entry Story Writing Descriptive paragraph
Grammar	:	Determiners, Subject- Verb Concord, Tenses, Use of Passive

UNIT TEST – II

Literature Reader	:	Chapter 7 Poem 6
Supplementary Reader	:	Poem 6
Writing Skills	:	Article Writing Descriptive Paragraph
Grammar	:	Clauses

TERM – II

Literature Reader	:	Chapter 1 to 11 Poem 1 to 10
Supplementary Reader	:	Chapter 1 to 10
Writing Skills	:	Article Writing Descriptive Paragraph(person/ place/event/ diary entry) Story Writing
Grammar	:	Integrated Grammar based on the following topics: Determiners, Tenses, Subject- Verb Concord, Use of Passive Clauses, Prepositions , Reported Speech

MATHEMATICS

Prescribed Book: Mathematics, Textbook for Class IX

UNIT TEST –I

Chapter 1	:	Number Systems
Chapter 2	:	Polynomials
Chapter 3	:	Coordinate Geometry

TERM –I

Chapters 1,2,3	:	
Chapter 4	:	Linear Equations in Two Variables
Chapter 6	:	Lines and Angles
Chapter 7	:	Triangles
Chapter 8	:	Quadrilaterals
Chapter 12	:	Heron’s Formula

UNIT TEST –II

Chapter 10	:	Circles
Chapter 14	:	Statistics

TERM –II

Chapters 1,2,3,4,6,7,8,12,10,14	:	
Chapter 13	:	Surface Areas and Volumes
Chapter 9	:	Areas of Parallelograms and Triangles
Chapter 11	:	Constructions
Chapter 15	:	Probability
Chapter 5	:	Introduction to Euclid’s Geometry

❖ Syllabus for Lab Activities will be given by the teacher.

SCIENCE

Prescribed Book: Science – A Textbook for Class IX (NCERT)

UNIT TEST –I

Chapter 1	:	Matter in our surroundings
Chapter 5	:	The Fundamental unit of life
Chapter 8	:	Motion

TERM –I

Chapters - 1,5,8		
Chapter 2	:	Is matter around us pure?
Chapter 6	:	Tissues
Chapter 9	:	Force and Laws of Motion
Chapter 15	:	Improvement in Food Resources(Excluding Animal Husbandry)

UNIT TEST –II

Chapter 3	:	Atoms and Molecules
Chapter 10	:	Gravitation
Chapter 13	:	Why do we fall ill?

TERM –II

Chapters - 1,2,3,5,6,8,9,10, 13		
Chapter 4	:	Structure of the atom
Chapter 7	:	Diversity in living organisms
Chapter 11	:	Work and Energy.
Chapter 12	:	Sound
Chapter 14	:	Natural Resources
Chapter 15	:	Improvement in Food Resources

❖ Syllabus for Practical Examinations will be given by the teacher.

SOCIAL SCIENCE

Prescribed Books:

- | | | |
|----------------------|---|------------------------------------|
| 1. History | : | India and the Contemporary World-1 |
| 2. Economics | : | Economics |
| 3. Geography | : | Contemporary India-I |
| 4. Political Science | : | Democratic Politics |

UNIT TEST-I

- | | | |
|-------------------|---|---|
| History | : | Chapter – 1 The French Revolution
Map Work: The French Revolution |
| Political Science | : | Chapter – 2 What is democracy? Why democracy? |
| Economics | : | Chapter – 1 The Story of Village Palampur |
| Geography | : | Chapter – 1 India – Size and Location
Map Work : India – size and Location |

TERM- I

History:Ch-1,Pol.Sc:Ch-2, Eco:Ch-1, Geo:Ch-1

- | | | |
|-------------------|---|--|
| History | : | Chapter – 2 Socialism and the Russian revolution |
| Political Science | : | Chapter – 3 Constitutional Design
Chapter – 4 Electoral Politics |
| Geography | : | Chapter – 2 Physical Features of India
Map Work : Physical features of India
Chapter – 3 Drainage
Map Work : Drainage |
| Economics | : | Chapter – 2 People as Resource |

UNIT TEST-II

- | | | |
|-------------------|---|--|
| History | : | Chapter – 3 Nazism and the rise of Hitler |
| Political Science | : | Chapter – 5 Working of Institutions |
| Geography | : | Chapter – 4 Climate
Chapter – 5 Natural vegetation and Wildlife
Map Work : Natural Vegetation & Wildlife |
| Economics | : | Chapter – 3 Poverty as a Challenge |

TERM– II

History:Ch-1,3 ,4 ,**Pol.Sc:**Ch-1,2 ,3 , **Eco:**Ch-1,2,3, **Geo:**Ch-1,2,3,4,5

History	:	Chapter – 4 Forest Society and Colonialism
Political Science	:	Chapter – 6 Democratic rights
Geography	:	Chapter – 6 Population Map Work : National Parks, Wildlife Sanctuaries, Natural Vegetation, Population.
Economics	:	Chapter – 4 Food Security in India
MAPWORK	:	Chapter 2 : Socialism in Europe Chapter 3 : Nazism and the rise of Hitler.

COMPUTER APPLICATIONS

April–May

Unit 1: Basics of Information Technology

- Familiarity with the basics of computers: design of computers, and overview of communication technologies
- 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 systems), application software, mobile applications
- Operating systems: kernel, device drivers, and file systems (very basic idea)

July

- Computer networking: wired/wireless communication, common protocols: Wi-Fi, Bluetooth, cloud computers (private/public)
- Multimedia: images, audio, video, animation
- Chat sites, and social networks.

August - September

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

October

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.

November-December

- 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.

January-February

Unit 4: Python

- Introduction to Python
- A simple "Hello World" program
- Running a Python program
- The notion of data-types and variables: integer, float, string
- Arithmetic operations: +, -, *, /

PRACTICALS

LAB EXERCISES

- Basic I/O devices: use the mouse and keyboard, draw a figure.
- Working with the operating system: Navigation of the file system using a mouse and keyboard, and then doing the same with shell commands.
- 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.
- Create and edit existing images, and then include them 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, and pie.
- Send an email to your friends. Attach some documents that you have prepared earlier. Put some friend in the CC and BCC list. Interact with friends to find out who was in the BCC list. Do an online chat with multiple friends. Transmit documents using the chat platform. Create a video and upload it on YouTube.
- Write basic Python programs.

FRENCH

Prescribed Book : Entre Jeunes, Class IX, CBSE

UNIT TEST– I

Leçon 1	:	La Famille
Leçon 2	:	Au Lycée
Grammaire	:	Verbes (er, ir , re) , les articles, Qui est – ce? / Qu’est – ce que c’est ? , Les adjectifs possessifs et démonstratifs, les prepositions , les accords des adjectifs
Writing Skills	:	Message Writing

TERM– I

Leçon 1 and 2

Leçon 3	:	Une journée de Pauline
Leçon 4	:	Les Saisons
Leçon 5	:	Les Voyages
Leçon 6	:	Les Loisirs et les sports
Grammaire	:	Les articles , les verbes pronominaux, le future proche , le future simple , l’ impératifs , passé composé,

- Expressions avec Avoir / Être, Trouvez les questions ,
l'imparfait , passé composé avec les verbes
pronominaux, l'interrogation
- Writing Skills** : Message Writing , Recepte , Post card, Describing a
person/weather
- Assessment of Speaking
and Listening (ASL)** : Assessment will take place in the class

UNIT TEST – II

- Leçon 7** : L'argent de Poche
- Leçon 8** : Faire des achats
- Grammaire** : Les négations, les pronoms personnels (COD / COI/
EN), les adjectifs interrogatifs , le conditionnel , les
expressions de quantité
- Writing Skills** : Message Writing , Post card Writing

TERM – II

Leçon 1 to 8

- Leçon 9** : Un Diner en Famille
- Leçon 10** : La Mode
- Leçon 11** : Les Fêtes
- Leçon 12** : La Francophone
- Grammaire** : Les Verbes , Les articles , Qui est – ce ? / Qu'est
– ce que c'est ? , les adjectifs possessifs et
démonstratifs , les prepositions , l'accord des adjectifs ,
les verbes pronominaux , le future simple et proche ,
l'impératif, le passé composé (avoir / être /
pronominaux) , les expressions avec le verbe Avoir /
Être , trouvez les questions , l'interrogation , ,
l'imparfait , le négation , les pronoms personnels (
COD/ COI / EN / Y / TONIQUE) , les adjectifs
interrogatifs , conditionnel , les expressions de quantité,
les pronoms relatifs
- Writing Skills** : Message writing , Post card , Letter , Recepte,
Describing a person/weather

Assessment of Speaking and Listening (ASL) : Assessment will take place in the class

Hindi

निर्धारित पुस्तकें

1. स्पर्श भाग 1
2. संचयन भाग 1

Unit I

स्पर्श	:	गद्य - धूल, दुख का अधिकार पद्य - रैदास के पद, रहीम के पद
संचयन	:	गिल्लू, स्मृति
व्याकरण	:	वर्णविच्छेद, अनुस्वार, अनुनासिक, नुक्ता, उपसर्ग-प्रत्यय
लेखन कौशल	:	पत्र, अनुच्छेद, चित्र वर्णन, अपठित काव्यांश व गद्यांश

Term - I

स्पर्श	:	गद्य - एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि, पाठ - 1, 2 पद्य - पाठ - 1, 2, आदमीनामा, एक फूल की चाह
संचयन	:	पाठ - 1, 2, कल्लू कुम्हार की उनाकोटी
व्याकरण	:	संधि, विरामचिह्न, वर्णविच्छेद, अनुस्वार, अनुनासिक, नुक्ता, उपसर्ग-प्रत्यय
लेखन कौशल	:	पत्र, अनुच्छेद, चित्र वर्णन, संवाद, विज्ञापन, अपठित काव्यांश व गद्यांश
वाचन व श्रवण कौशल (ए.एस.एल)	:	वाचन व श्रवण कौशल का मूल्यांकन कक्षा में करवाया जाएगा।

Unit II

स्पर्श	:	गद्य - कीचड़ का काव्य, धर्म की आड़ पद्य - गीत अगीत, अग्निपथ
संचयन	:	मेरा छोटा सा निजी पुस्तकालय
व्याकरण	:	वर्णविच्छेद, अनुस्वार, अनुनासिक, नुक्ता, उपसर्ग-प्रत्यय, संधि, विराम चिह्न
लेखन कौशल	:	पत्र, अनुच्छेद, चित्र वर्णन, संवाद, विज्ञापन, अपठित काव्यांश व गद्यांश

Term – II

स्पर्श	:	गद्य - वैज्ञानिक चेतना के वाहक, शुक्रतारे के समान, पाठ - 1, 2, 3, 4, 5, 6, 7 पद्य - नए इलाके में , खुशबू रचते हैं हाथ, पाठ - 1, 2, 3, 4, 5, 6
संचयन	:	हामिद खाँ, दीये जल उठे व पाठ - 1, 2, 3, 4
व्याकरण	:	वर्णविच्छेद, अनुस्वार, अनुनासिक, नुक्ता, उपसर्ग-प्रत्यय, संधि, विराम चिह्न ।
लेखन कौशल	:	पत्र, अनुच्छेद, चित्र, विज्ञापन, संवाद, अपठित काव्यांश व गद्यांश ।
वाचन व श्रवण कौशल (ए.एस.एल)	:	वाचन व श्रवण कौशल का मूल्यांकन कक्षा में करवाया जाएगा ।

नोट - निम्नलिखित पाठों से प्रश्न नहीं पूछे जाएंगे ।

स्पर्श : भाग 1- धूल, वैज्ञानिक चेतना के वाहक चन्द्रशेखर वेंकट रामन, गीत-अगीत

संचयन - कल्लू कुम्हार की उनाकोटी, मेरा छोटा सा निजी पुस्तकालय
