

JAGAT TARAN GOLDEN JUBILEE SCHOOL

SYLLABUS BREAK-UP

CLASS X (2022-2023)

Syllabus Break-Up Of Subject: ENGLISH

Exam Name	Months	Lesson Name	Activity
Periodic Test 1	April - May	1. A Letter to God 2. Nelson Mandela – A Long Walk to Freedom 3. Dust of Snow 4. Fire and Ice 5. A Triumph of Surgery 6. The Thief's Story Tenses Formal Letter	Mind Map from Lesson 1 A Letter to God. Complete the mind map
Periodic Test 2	June-July	1. Two Stories About Flying 2. From the Diary of Anne Frank 3. A Tiger in the Zoo 4. How to Tell Wild Animals 5. The Midnight Visitor 6. A Question of Trust Subject – Word Concord & Modals, Formal Letter	Poster Making Prepare a poster on Save Tigers & write five points on the importance of saving tigers.
Half Yearly	August – September	1. Glimpses of India 2. Mijbil the Otter 3. The Ball Poem 4. Amanda 5. Footprints Without Feet 6. The Making of a Scientist Reported Speech Analytical Paragraph	ASI Choose a topic & prepare a speech for 2-3 minutes

Periodic Test 3	October	1. Madam Rides the Bus 2. The Sermon at Banaras 3. The Trees 4. Fog 5. The Necklace 6. Bholi Direct Indirect Speech, Analytical Paragraph	Prepare a collage on Gautam Buddha & write five main teachings of Buddha
Pre-Board	November	1. The Proposal 2. The Tale of Custard the Dragon 3. For Anne Gregory 4. The Book that Saved the Earth Direct indirect Speech Format Letter + Analytical	ASL – Choose a current topic & prepare a speech of 2-3 minutes.

पाठ्यक्रम-विभाजन (हिन्दी कोर्स-ए 002)

Periodic Assessment-I

पाठ्यपुस्तक(क्षितिज भाग-2---

पाठ-1 सूरदास के पद

पाठ-10 नेता जी का चश्मा

पाठ्यपुस्तक(कृतिका भाग-2---

पाठ-1 माता का अंचल

व्याकरण – अलंकार (श्लेष,उत्प्रेक्षा,अतिशयोक्ति,मानवीकरण)

Periodic Assessment-II

क्षितिज भाग-2-

पाठ 2-राम-लक्ष्मण-परशुराम संवाद

पाठ-4-आत्मकथ्य

पाठ-11- बालगोबिन भगत

पाठ-12- लखनवी अंदाज़

कृतिका-भाग 2

पाठ-3 साना-साना हाथ जोड़ि

व्याकरण-वाक्य-भेद (सरल,संयुक्त, मिश्र)

Half-Yearly ----

उपर्युक्त सभी पाठ एवं

पाठ-5- उत्साह तथा अट नहीं रही

पाठ -6- यह दन्तुरित मुस्कान तथा फसल

पाठ-14- एक कहानी यह भी

पाठ-16- नौबतखाने में इबादत

व्याकरण- अलंकार, **वाक्य भेद**, वाच्य ,पद-परिचय।

रचनात्मक लेखन – औपचारिक व अनौपचारिक पत्र,विज्ञापन, संदेश,

अनुच्छेद लेखन, स्ववृत्त लेखन, ई-मेल तथा अपठित गद्यांश व पद्यांश पर आधारित प्रश्न।

Periodic Assessment-III

पाठ—9- संगीतकार

पाठ 17- संस्कृति

पाठ-4- मैं क्यों लिखता हूँ

व्याकरण-पद-परिचय व अपठित पद्यांश

PPREBOARD EXAMINATION- सम्पूर्ण पाठ्यक्रम

Syllabus Break-Up Of Subject: MATHEMATICS

MONTH: APRIL TO JUNE

I. PERIODIC TEST 1 :

1. Ls. 1 - Real Numbers
2. Ls. 2 - Polynomials
3. Ls. 3 - Pair of Linear Equations in two variables

ACTIVITIES:

1. To find the HCF of two numbers experimentally based on Euclid's Division Lemma.
2. To check the division of a polynomial by performing an activity.

1. $3x^4 + 5x^3 - 7x^2 + 2x + 2$ by $x^2 + 3x + 1$

- $x^3 - 3x^2 + 3x - 2$ by $x - 2$
- $x^4 - 3x^2 + 4x + 5$ by $x^2 + 1 - x$
- $x^4 - 5x + 6$ by $2 - x^2$
- Draw three different road maps on three separate graph sheets for showing Intersecting lines, Coincident lines and Parallel lines.
- Draw a geometrical design.

MONTH: JULY TO MID AUGUST

II. PERIODIC TEST 2:

- Ls. 4 - Quadratic Equations
- Ls. 5 - Arithmetic Progression

ACTIVITIES:

- From a given list of numbers or patterns, identifying the Arithmetic Progression.
- For an Arithmetic Progression having n terms, establishing a formula for calculating its sum.

MONTH: MID AUGUST TO SEPTEMBER

III. HALF YEARLY EXAM :

- Ls. 6 – Triangles
- Ls. 7 - Coordinate Geometry
- Ls. 8 - Introduction to Trigonometry
- Ls. 9 - Some Applications of Trigonometry

ACTIVITIES:

- Verification of the distance formula by the graphical representation method.
- To examine the criteria of similarity between two triangles.
- To verify the Basic Proportionality theorem.

NOTE: Periodic test 1 and Periodic test 2 chapters also included.

MONTH: OCTOBER

IV. PERIODIC TEST 3:

- Ls. 11 – Area related to Circles
- Ls. 12 – Surface Areas and Volumes

ACTIVITY:

- Finding out the formula for surface area and volume of cylinder , cone and sphere.

MONTH: NOVEMBER

V. PRELIMINARY EXAMINATION:

FULL BOOK ACCORDING TO THE PRESCRIBED SYLLABUS OF 2022 – 2023 BY CBSE.

Syllabus Break-Up Of Subject: PHYSICS

MONTH	NAME OF THE CHAPTERS	ACTIVITY/ PRACTICAL
April to Mid May	Reflection of Light	1. 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, angle of emergence and interpret the result. 2. Determination of the focal length of concave mirror by obtaining the image of a distant object.
Mid May to July	Refraction of Light	1. Determination of the focal length of convex lens by obtaining the image of a distant object.
August	Human Eye	1. Tracing the path of the rays of light through a glass prism.
September to October	Electricity	1. Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I. 2. Determination of the equivalent resistance of two resistors when connected in series and parallel.
November to December	Magnetic Effects of Current	1. Draw the magnetic field lines around different current carrying conductor.

SYLLABUS FOR YEARLY TESTS

- ◆ PERIODIC TEST – I: Ls.1. Reflection of light
- ◆ PERIODIC TEST – II: Ls.2. Refraction of light
- ◆ HALF - YEARLY EXAMINATION: Ls. 1. Reflection of light, Ls. 2. Refraction of light, Ls.3. Human Eye
- ◆ PERIODIC TEST - III: Ls. Electricity
- ◆ PRE - BOARD

Ls.1. Reflection of light

Ls.2. Refraction of light

Ls.3. Human Eye

Ls.4. Electricity

Ls.5. Magnetic Effects of Current

Syllabus Break-Up Of Subject: CHEMISTRY

MONTH	NAME OF THE CHAPTERS	ACTIVITY/ PRACTICAL
April to May	CHEMICAL REACTIONS AND EQUATIONS.	1. To demonstrate a chemical reaction. 2. To demonstrate a combination reaction. 3. To demonstrate thermal decomposition of lead nitrate. 4. To show oxidation and Reduction.
July to August	ACIDS, BASES AND SALTS.	1. To demonstrate that aqueous solutions of acids and bases are good conductors of electricity. 2. To demonstrate the use of universal indicator in the determination of pH of different solutions. 3. To show action of heat on hydrated copper sulphate.
September	METALS AND NON-METALS.	1. To study the hardness of various metals. 2. To study displacement reaction between Iron and copper sulphate solution. 3. To show that rusting of iron occurs in the presence of air and water.
October to November	CARBON AND ITS COMPOUNDS.	1. To study reaction of sodium with Ethanol. 2. To study reaction between ethanoic acid and sodium carbonate. 3. To show that a detergent forms lather with hard water.

SYLLABUS FOR:

◆ PERIODIC TEST - I

CHEMICAL REACTION AND EQUATIONS.

◆ PERIODIC TEST - II

ACIDS, BASES AND SALTS.

◆ HALF - YEARLY EXAMINATION

1. CHEMICAL REACTIONS AND EQUATIONS.

2. ACIDS, BASES AND SALTS.

◆ PERIODIC TEST - III

METALS AND NON-METALS.

◆ PRE - BOARD

1. CHEMICAL REACTIONS AND EQUATIONS.

2. ACIDS, BASES AND SALTS.

3. METALS AND NON-METALS.

4. CARBON AND ITS COMPOUNDS.

Syllabus Break-Up Of Subject: BIOLOGY

Month	Chapter Name	Activities
April to 1 st . Week of June	Life Processes- Nutrition in Plants and Animals. Respiration in Plants and Animals.	Class test, Diagram based Activity.
July	Transportation in Plants	Preparation of leaf peel slide, (stomata)
August to Mid September	Circulatory, Lymphatic Systems. Excretion in Plants and Animals.	Experiment to show CO ₂ is given out during respiration, using wet grams. Diagrammatic puzzle.
Mid September to October	Heredity – Mendel’s Laws of Inheritance. Sex determination.	Diagrammatic representation of Mendel’s crosses.
November	Control and Co-ordination in Plants and Animals. Chemical co-ordination in Animals.	Mind map/Project on different types of Tropism in Plants.
December	How do Organisms Reproduce – Asexual & Sexual Reproduction in Plants and Humans.	Studying Binary fission and Budding in Yeast and Hydra with help of prepared slides. Identifying different parts of Pea/Red kidney bean Embryo.
January	Our Environment	Project on Rain water Harvesting.

SYLLABUS FOR:

◆ PERIODIC TEST – I: Life Processes- Nutrition in Plants and Animals.

- ◆ PERIODIC TEST – II: Life Processes - Respiration in Plants and Animals, Transportation in Plants.
- ◆ HALF YEARLY EXAM:
 1. Life Processes.
 2. Heredity.
- ◆ PERIODIC TEST – III: Control and Co-ordination.
- ◆ PRE – BOARD EXAMS: All Chapters.

Syllabus Break-Up Of Subject: SOCIAL SCIENCE

Term 1

Unit 1 India and Contemporary world	Section 1 Events and processes <ol style="list-style-type: none"> 1. The Rise of Nationalism in Europe 2. Nationalism in India Section 2 Livelihood, Economies and Societies <ol style="list-style-type: none"> 3. The making of Global World
Unit 2 Contemporary India-II	<ol style="list-style-type: none"> 1. Resource and development 2. Forest and wildlife 3. Water Resource 4. Agriculture
Unit 3 Democratic Politics-II	<ol style="list-style-type: none"> 1. Power Sharing 2. Federalism 4. Gender, Religion and caste
Unit 4 Understanding Economics	<ol style="list-style-type: none"> 1. Development 2. Sectors of the Indian Economy

Term II

Unit 1 India and Contemporary world	Section 1 Events and processes <ol style="list-style-type: none"> 4. The Age of industrialisation 5. Print Culture and Modern World
Unit 2 Contemporary India-II	<ol style="list-style-type: none"> 5. Mineral and Energy Resources 6. Manufacturing Industries 7. Lifeline of Indian Economy
Unit 3 Democratic Politics-II	<ol style="list-style-type: none"> 6. Political Party 7. Outcomes of Democracy
Unit 4 Understanding Economics	<ol style="list-style-type: none"> 3. Money and Credit 4. Globalisation and the Indian Economy

Test/Months	Chapters
Periodic Test 1 (Apr-May)	History: Ch-1 The Rise of Nationalism in Europe Geography: Ch-1 Resource and development Civics: Ch-1 Power Sharing Ch-2 Federalism Economics: Ch-1 Development
Periodic Test 2 (July-Aug)	History: Ch-2 Nationalism in India Geography: Ch-2 Forest and Wildlife Civics: Ch-4 Gender, Religion and caste Economics: Ch-2 Sectors of the Indian Economy
Half Yearly (Sep-Oct)	History: Ch-1 Nationalism in Europe Ch-2 Nationalism in India Ch-3 The Making of a global World Geography: Ch-1 Resource and development Ch-2 Forest and Wildlife Ch-3 Water Resources Ch-4 Agriculture Civics: Ch-1 Power Sharing Ch-2 Federalism Ch-4 Gender, Religion and caste Economics: Ch-1 Development Ch-2 Sectors of the Indian Economy
Periodic Test 3 (Nov-Dec)	History: Ch-4 The Age of industrialisation Geography: Ch-5 Mineral and Energy Resources Civics: Ch-6 Political Party Economics: Ch-3 Money and Credit
Pre Board	Entire year course

Syllabus Break-Up Of Subject: INFORMATION TECHNOLOGY

Exam	Month	Chapters / Topic	Exam syllabus	Activity
Periodic Test I	Apr-June	Book 1 Lesson 1: Communication Skills Lesson 2: Self-Management Lesson 3: Information and communication Technology Skills	Lesson 1: Communication Skills Lesson 2: Self-Management	<ul style="list-style-type: none"> • Draw and explain the elements Of communication. • Video of 2 minutes duration on any one Indian Entrepreneur life and success story.
Periodic Test II	July-Sep	Lesson 4: Entrepreneurial skills Lesson 5: Green Skills BOOK 2 Lesson 1: Digital Documentation Lesson 2: Electronic Spreadsheet	Lesson 4: Entrepreneurial skills Lesson 5: Green Skills	LAB ACTIVITY from Book 2 Lesson 1 and Lesson 2
Term I	Oct	Lesson 3: RDBMS Lesson 4: Web Application and Security	Book 1 Lesson 1: Communication Skills Lesson 2: Self-Management Lesson 3: Information and communication Technology Skills Book 2	

			Lesson 1: Digital Documentation	
Periodic Test III	Nov	Lesson 3: RDBMS Lesson 4: Web Application and Security	Book 2 Lesson 2: Electronic Spreadsheet	
PRE-Board	Jan-Feb		Book 1 Lesson 1: Communication Skills Lesson 2: Self-Management Lesson 3: Information and communication Technology Skills Lesson 4: Entrepreneurial skills Lesson 5: Green Skills BOOK 2 Lesson 1: Digital Documentation Lesson 2: Electronic Spreadsheet Lesson 3: RDBMS Lesson 4: Web Application and Security	*Project file submission * Practical exam * Viva voce

Syllabus Break-Up Of Subject: ART AND CRAFT

HALF-YEARLY EXAMINATION

ART

1. Tree
2. Landscape
3. Poster making

4. Creative writing

CRAFT

1. Krishna craft work

2. Plate decoration

3. Rakhi making

FINAL EXAMINATION

ART

1. Portrait

2. Fruits

3. Mandala art

4. Poster making

CRAFT

1. Bottle painting

2. Clay modeling

3. Quilling jewelry