



NILGIRI HILLS PUBLIC SCHOOL

ANNUAL SYLLABUS (2023-24) CLASS -VI

SCIENCE

April

Ch-1 Components of food

Lab Activity: Test of starch, protein and fats

Audio- visual aid- Smart lab

May

Ch-2 Sorting Materials into groups

Lab Activity: To list Transparent, Translucent and Opaque Object.

July

Ch-3 Separation of Substances

Lab activity-To observe the solubility of various solid substances in water

To observe the solubility of various liquids in water Sedimentation, Decantation, Filtration

Periodic Test -1 Syllabus- Chapter 1, 2

August

Ch-4 Changes Around Us

Ch-5 Getting to Know Plants

September

Ch-6 Body Movements

Lab activity-To show various joints of the human body in the lab

HALF YEARLY EXAMINATION-Syllabus- Chapter 1 to 6

October

Ch-7 The Living Organisms and their Surroundings

Ch -8 Motion and Measurement of Distances

November

Ch-9 : Light , Shadows and Reflections

Lab activity-To show that light travels in straight line

-To show the reflection of light by a plane mirror

Periodic Test -2 -Syllabus-Ch-7 and 8

December

Ch-10 Electricity and Circuits

Activity-To construct a simple electric circuit

January Ch-11 Magnetism

Lab activity-To show the nature of force between like and unlike poles **February**

Ch-12 Air Around Us

Lab activity-To show air is present in empty bottle.

Recapitulation : Ch- 7 to 11

FINAL EXAMINATION - Syllabus (Ch 7 to 12)

MATHEMATICS

April

Ch-1 Knowing our numbers

Lab Manual Activity 1 To represent the products of decimal numbers on a square by drawing horizontal / vertical lines and shading

May

Ch-2 Whole Numbers

Lab Manual Activity-2: To verify the addition is commutative for whole numbers by paper cutting and pasting.

July

Ch-3 Playing with Numbers

Lab Manual Activity-3 To find the prime numbers between 1 to 100 by Eratosthenes sieve's method.

Lab Manual Activity 4(i) To find the HCF of two given numbers by paper cutting and pasting.

Lab Manual Activity-4(ii): To find the LCM of two given numbers by number grid...

Periodic Test -I

Syllabus { Ch-1 Knowing our numbers , Ch-2 Whole Numbers }

August

Ch-4 Basic Geometrical ideas

Ch-5 Understanding Elementary Shapes

Lab Manual Activity – 5: To identify the condition under which the given pair of angles are complimentary.

Lab Manual Activity –6: To verify that if two lines intersect at a point, then each pair of vertically opposite angles are equal by paper cutting and pasting.

September:

Ch 6- Integers

Lab Manual Activity 7: To understand the concept of addition of integers experimentally.

Lab Manual Activity 8: To understand the concept of subtraction of integers experimentally.

Recapitulation

Half Yearly Exam

Syllabus- {Ch-1 Integers, Ch -2 Fraction and Decimals, Ch-3 Data Handling, Ch-4 Simple Equations, Ch5 Lines and Angles, Ch-6 The triangles and its properties, }

October

Ch-7 Fractions

Lab Manual Activity 9: To understand the concept of proper and equivalent fractions by paper folding.

November

Ch -8 Decimals

Lab Manual Activity-10 – To represent decimal numbers 0.25, 0.5, 0.75, 0.68 etc on a 10x 10 grid by shading. .

Periodic Test-II

Syllabus: (Ch-8 Rational numbers and Ch -9 Perimeter and Area)

December

Ch-9 Data Handling

Lab Manual Activity 11: To collect a data and to represent them on a bar graph.

Ch-10 Algebra

Lab Manual Activity-4: To solve a linear equations in one variable experimentally.

January Ch-12 Ratio and Proportion

Lab Manual Activity 12: To study the concept of ratio by cutting and pasting.

February

Recapitulation: (Ch -9, 10, 11, 12, 13)

Final Examination

Syllabus (Ch- 7,8,9,10,11,12,13)

ENGLISH

APRIL:

Literature :How Daddy Learned to Draw

Poem : When I Grow Up

Grammar: Sentences

MAY:**Literature:** Nobel Laureate Kailash Satyarthi**Grammar:** Nouns**Writing Skills:** Letter writing**JULY:****Literature:** Gulliver and the Lilliputians

Poem: The Road Not Taken

Grammar: Articles, Pronouns**Writing Skills:** Message Writing**PERIODIC TEST 1****August:****Literature:** A Visit to the Pyramids**Poem:** Voyage**Grammar:** Adjectives**Writing Skills:** Paragraph Writing**September:****Literature:** Totto-Chan Goes to a New School**Grammar:** Preposition**Writing Skills:** Notice Writing**HALF YEARLY EXAMINATION SYLLABUS:****Literature:** The Portrait of Lady, A Tiger in the House, Up from Slavery, The Face on the Wall, The Pied Piper of Hamelin, The Luncheon**Poem:** Somebody's Mother, The Tiger in the Zoo, Caged Bird**Grammar:** Sentences, Nouns, Determiners, Adjectives, Pronouns, Verbs**Writing Skills :** Letter Writing, Paragraph Writing, Notice Writing, Message Writing**OCTOBER :****Literature :** Steve Jobs**Poem :** The Lives of Great Men**Grammar :** Verbs, Adverbs**NOVEMBER :****Literature :** India wins the T20 World Cup**Poem :** The Peaceful Game**Grammar :** Usage Note, Conjunctions**Writing Skills:** Dialogue Composition**PERIODIC TEST 2****DECEMBER:****Literature:** Tenali Raman and the Challenge of the Linguist

Poem: The Muddlehead

Grammar: Punctuation **Writing Skills:**

Essay Writing

JANUARY:

Literature: Nature's Message to Mankind

Grammar: Common Idioms and Proverbs **Writing**

Skills: Picture Composition

FEBRUARY:

Writing skills: Revision for Annual Examinations

Literature: Revision for Annual Examinations

Grammar: Revision for Annual Examinations

ANNUAL EXAMINATION SYLLABUS:

Literature: Steve Jobs ; India wins the T20 World Cup ; Tenali Raman and the Challenge of the Linguist ; Nature's Message to Mankind

Poem: The Lives of Great Men ; The Peaceful Game ; The Muddlehead

Grammar: Verbs; Adverbs; Prepositions; Conjunctions; Usage Notes; Punctuation; Common Idioms and Proverbs.

Writing Skills: Picture Composition, Dialogue Composition, Essay Writing

SOCAL SCIENCE

April

History: Chapter-1 What, where how and when

Civics: Chapter-1 Understanding diversity

Geography: Chapter-1 The earth in the solar system

May

Civics: Chapter-2 Diversity and discrimination

Geography: Chapter-2 Globe latitudes and longitudes

July

History: History: Chapter-2 From hunting gathering to growing food ,Chapter-3 In the earliest cities

Civics: Chapter 3 What is government? ,Chapter-4 Panchayati Raj

Activity: Map work on the earliest cities

Recapitulation: History Chapter 1, 2

Geography Chapter 1 Civics Chapter 1

Periodic Test I

Syllabus History Chapter 1

Geography Chapter 1

Civics Chapter 1

August

History: Chapter-4 What books and burials tell us?

Geography: Chapter-3 Motions of the earth

Chapter 4- Maps

Activity: 1) Map work on the Chapter maps

2) Lab demonstration on motions of the earth.

September

History: Chapter-5 Kingdoms, Kings, and an early Republic.

Chapter-6 New questions and ideas

Activity: 1) Group Discussion on key elements of a Democratic Government

2) Map work on chapter maps

Recapitulation: History- Chapter 3,4,5

Civics- Chapter 2, 3 and Geography Chapter 3

Half Yearly Examination

Syllabus History- Ch- 4,5, 6 Civics Ch -3,4

Geography Ch- 3,4

October

History: Chapter-7 From a kingdom to an empire

Geography: Chapter-5 Major domains of the earth

Activity: 1) Lab work on major domains of the earth

2) Class discussion on Panchayati Raj

November

History: Chapter- 8 Villages, towns and trade

Civics: Chapter-5 Rural administration

Activity: Lab demonstration on major landforms of the Earth

Recapitulation: History -Chapter 6

Civics - Chapter 5

Geography -chapter 5

Periodic Test II

Syllabus History- Chapter 6, Civics- 5, Geography- Chapter 5

December

History: Chapter 9 New empires and kingdom

Civics: Chapter-6 Urban administrations

Geography: Chapter-6 Our country- India

Activity: Map work on our country- India

January

History: Chapter 10 Building, Paintings and Books

Civics: Chapter 7 Rural livelihoods

Chapter 8: Urban livelihoods

Activity: Map work on Climate Vegetation Class discussion on urban and rural administration

February

Recapitulation: History Chapter 7, 8, 9, 10

Civics: Chapter 6 and 7

Geography: Chapter 6

Final Examination

Syllabus -History- Chapter 7, 8, 9 and 10

Civics- Chapter 6, 7 and 8

Geography- Chapter 5 and 6

HINDI

	वसंत	व्याकरण	बाल रामकथा
अप्रैल	पाठ 1 वह चिड़िया जो पाठ 2 बचपन	1. भाषा और व्याकरण 2. वर्ण-विचार	अवधपुरी में राम
मई	पाठ 3 नादान दोस्त	3. संधि 4. शब्द विचार	जंगल और जनकपुर
जुलाई	पाठ 4 चाँद से थोड़ी-सी गप्पें (कविता) पाठ 5 साथी हाथ बढ़ाना (कविता) पाठ 6 ऐसे-ऐसे	5. शब्द भंडार 6. उपसर्ग 7. प्रत्यय संवाद लेखन	दो वरदान, राम का वन-गमन श्रवण वचन कौशल (ASL)

आवधिक परीक्षा-I

वसंत: पाठ- 1, 2

व्याकरण: पाठ- 1, 2

	वसंत	व्याकरण	बाल रामकथा
अगस्त	पाठ 7 टिकट अलबम पाठ 8 झाँसी की रानी	8. समास 9. संज्ञा 10. लिंग अनुच्छेद, पत्र लेखन	चित्रकूट में भरत, दण्डक वन में दस वर्ष
सितंबर	पाठों की पुनरावृत्ति	पाठों की पुनरावृत्ति	पाठों की पुनरावृत्ति

अर्धवार्षिक परीक्षा

वसंत- पाठ 1 से 8

व्याकरण- पाठ 1 से 10, अपठित गद्यांश, अपठित काव्यांश, अनुच्छेद, पत्र, संवाद लेखन
बाल रामकथा

	वसंत	व्याकरण	बाल रामकथा
अक्टूबर	पाठ 9 जो देखकर भी नहीं देखते पाठ 10 संसार पुस्तक है	12.कारक 13.सर्वनाम 14.विशेषण	सोने का हिरण, सीता की खोज
नवंबर	पाठ 11 मैं सबसे छोटी होऊं पाठ 12 लोकगीत	15.क्रिया 16. काल 17.वाच्य	राम और सुग्रीव, लंका में हनुमान

आवधिक परीक्षा-II

वसंत: पाठ- 9,11

व्याकरण: पाठ- 12,15

	वसंत	व्याकरण	बाल रामकथा
दिसंबर	पाठ 13 नौकर पाठ 14 वन के मार्ग में	18.अव्यय: क्रियाविशेषण 19.अव्यय: संबंधबोधक 20.अव्यय: समुच्चयबोधक 21.अव्यय: विस्मयादिबोधक	लंका विजय, राम का राज्याभिषेक

जनवरी	पाठों की पुनरावृत्ति	22.वाक्य 23.अशुद्ध वाक्यों का संशोधन 24.विराम चिह्न 25.मुहावरे और लोकोक्तियाँ अनुच्छेद लेखन, पत्र लेखन	पाठों की पुनरावृत्ति
फरवरी	पाठों की पुनरावृत्ति श्रवण वचन कौशल (ASL)	पाठों की पुनरावृत्ति	पाठों की पुनरावृत्ति

वार्षिक परीक्षा

वसंत: पाठ- 9 से 14

व्याकरण: पाठ- 12 से 25, अपठित गद्यांश, अपठित काव्यांश, अनुच्छेद, पत्र लेखन
बाल रामकथा

SANSKRIT

- अप्रैल:** रुचिरा – 1.शब्दपरिचयः- I, 2.शब्दपरिचयः- II
व्याकरण – 1.संस्कृत वर्णमाला, 2.शब्द-रूपाणि
क्रियात्मक कार्य – स्मृत्याधारिते शब्दरूपाणि श्रवणम् ।
- मई:** रुचिरा – 3.शब्दपरिचयः- III
व्याकरण – 3.धातु-रूपाणि
क्रियात्मक कार्य – स्मृत्याधारिते धातुरूपाणि श्रवणम् ।
- जुलाई:** रुचिरा – 4.विद्यालयः, 5.वृक्षाः
व्याकरण – 4.कारक-उपपद-विभक्ति-परिचयः, 5.वाक्य-रचना
क्रियात्मक कार्य – 'वृक्षाः' संस्कृतगीतम् श्रवणम् ।

आवधिक परीक्षा-1

- रुचिरा – शब्द परिचयः- I, वृक्षाः ।**
व्याकरण – संस्कृत वर्णमाला, धातु-रूपाणि ।
- अगस्त:** रुचिरा – 6.समुद्रतटः, 7.बकस्य प्रतीकारः
व्याकरण – 6.अव्ययानि, 7.पर्यायाः विपर्ययाः च
क्रियात्मक कार्य – संस्कृत वाक्यानि रचनात्मक कार्य ।
- सितम्बर:** पुनरावृत्तिः अभ्यासः

अर्द्धवार्षिक परीक्षा

- रुचिरा – शब्द परिचयः- II, शब्द परिचयः- III, वृक्षाः, समुद्रतटः, बकस्य प्रतीकारः ।**
व्याकरण – शब्द-रूपाणि, कारक-उपपद-विभक्ति-परिचयः, वाक्य-रचना, अव्ययानि, पर्यायाः, विपर्ययाः च ।
- अक्टूबर:** रुचिरा – 8.सूक्तिस्तबकः, 9.क्रीडास्पर्धा
व्याकरण – 8.संख्या, 9.वाक्य-संशोधनम्
क्रियात्मक कार्य – 'सूक्तिस्तबकः' श्लोकानि श्रवणम् गायनम् च ।
- नवम्बर:** रुचिरा – 10.कृषिकाः कर्मवीराः, 11.दशमः त्वम् असि
व्याकरण – 10.चित्राधारितं वर्णनम्
क्रियात्मक कार्य – चित्राधारिते संस्कृत वर्णनम् ।

आवधिक परीक्षा-2

- रुचिरा – सूक्तिस्तबकः, क्रीडास्पर्धा ।**
व्याकरण – संख्याः, चित्राधारितं वर्णनम् ।
- दिसम्बर:** रुचिरा – 12.विमानयानं रचयाम
व्याकरण – 11.संवादः-संकेताधारित-वार्तालापः

जनवरी: रुचिरा – 13.अहह आ: च
व्याकरण – 12.सरल गद्यांश: कथा / घटना-वर्णनम्
क्रियात्मक कार्य – 'विमानयानं रचयाम' संस्कृतगीतम् गायनम्।
फरवरी: पुनरावृत्ति: अभ्यास:

वार्षिक परीक्षा

रुचिरा – विद्यालयः, कृषिका कर्मवीराः, दशमः त्वम् असि, विमानयानं रचयाम,
अहह आ: च।

व्याकरण – शब्द-रूपाणि, धातु-रूपाणि, पर्यायाः विपर्ययाः च,
संवादः-संकेताधारित-वार्तालापः, सरल गद्यांशः कथा / घटना-वर्णनम्।

GENERAL-KNOWLEDGE

APRIL

Ch1 Unmatched in India

Ch2 Symbol of our rich heritage

Ch3 Pioneers

May

Ch 4 Indian Handicrafts

Ch5 Indian States, Union Territories

Ch 6 National Parks and Sanctuaries

Ch 7 Land marks in History

July

Ch8 rapid fire one

Ch9 Kangaroo words

Ch10 IQ Test one

Ch 11 One and Only One

Ch 12 Jhanda Uncha raha hamara

Ch13Marbles of the world

Ch 14 Delicacies from around the world

August

Ch 15 The Indomitable spirit

Ch 16 Major Assassinations

Ch17 Countries and their capitals

Ch 18 Currencies; Cities washed by Rivers

Ch 19 Rapid fire 2

Ch 20 ABC of human nature

Ch 21 IQ test 2

September

Recapitulation – Ch. (1 to 20)

Half Yearly Examination

Syllabus (Ch. 1 to 30)

Ch 22 A science miscellany

Ch 23 Scientist at work

Ch 24 The body Beautiful

Ch 25 Of diseases and their treatment Ch

26 Promoting well

Ch 27 An animal quiz

Ch 28 Rapid fire 3

Ch 29 Honeycomb word puzzle

Ch 30 IQ test 3

Recapitulation – Ch. (1 to 20)

Half Yearly Examination

Syllabus (Ch. 1 to 30) October

Ch 31 Sports and Sportsperson

Ch 32 Sports Legends

Ch 34 For Cricket Fans

Ch 35 A sports miscellany

Ch 36 Books and their writers

Ch 37 Unforgettable words

November

Ch 38 Nobel Laureates and Bharat Ratna

Ch 39 Rapid fire 4

Ch 40 Of animals and colours

Ch 41 IQ test 4

Ch 42 Real names- Popular names

Ch 43 The Pride of India

Ch 44 Women Power

Ch 45 Leading the World

December

Ch 46 The tinsel World

Ch 47 Specialists

Ch 48 Musical instruments

Ch 49 Abbreviations and Initials

Ch 50 Rapid fire 5

Ch 51 Playing with words

January

Ch 52 IQ test 5

Ch 53 Me to crorepati

February

Recapitulation- Ch. 31 to 45

Final Examination

Syllabus – Ch. 31 to 53

COMPUTER

April

Ch-1 Power Point 2019

May

Ch-2 More on Excel 2019

July

Ch- 3 Charts Formulas and Functions in Excel

Ch-4 Digital Drawing in Krita...(to be Continue..)

PT-1 (Ch-1&2) August

Ch-4 Digital Drawing in Krita

Ch-6 Internet Services

September

Revision-Ch- 3 , 4 & 6

Half Yearly Examination

Syllabus-(Ch- 3,4 & 6)

October

Ch-5 Introduction to HTML5 & CSS3

Ch-7 Algorithmic Intelligence November

Ch-8 Introduction to programming

PT-2 (Ch- 5 &7) December January

February

Ch-9 Python

Ch-10 Intelligence and AI Approaches

Revision-Ch-8, 9 & 10 **Final Examination**

Syllabus-(Ch- 8 , 9 & 10)

VALUE EDUCATION

April

Lesson:1- Handling Peer Pressure

Activity: Role Play on Positive and Negative Peer Pressure

May

Lesson:2- Philanthropy and Charity

Activity: Poster making on any one famous personality known for philanthropy and charity.

July

Lesson:3- Self Confidence

Lesson:4- Being Tolerant

Activity - Class Discussion (Group-wise) on 'Why tolerance is important for a peaceful society' **August**

Lesson:5- Taking Initiative and Being Adventurous

Lesson:6- Quest for being the best

Activity: Activity: Write-up on ' How people took initiative during COVID Crisis' **September**

Lesson:7- Importance of Sports and Sportsmanship

Lesson:8- Importance of Teamwork and Cooperation.

Activity: Name any 5 movies that are based on sports. Write about any one character and the qualities shown in the movie.

Half yearly exam syllabus: Lesson -1 to Lesson-6 October

Lesson:9- Global Warming and Climate Change

Activity: Create a collage on 'Climatic changes happening in the recent years.' Students may refer to news updates. **November**

Lesson:10- Managing Your Moods

Activity: Group Discussion on 'How to overcome negative emotions'

December

Lesson-11: Internet & Mobile Etiquette

Activity: Create a collage and a suitable slogan to communicate how we can use the internet wisely.

January

Lesson -12: Time Management in the world of Social Media

Activity: Make a daily schedule for yourself, mention the time devoted to studies,play and hobbies etc.

February

Recapitulation: Lesson 7 to 12

Final Examination Syllabus - Lesson-7 to Lesson-12

ART AND CRAFT

Art	Craft
April Knowledge of Primary and Secondary Colors Knowledge of Natural Colors and Lines Chapter 4 – Object drawing – Basic graph knowledge Chapter 5 – Object drawing – Basic graph knowledge	April
May Chapter 6 – Still Life Chapter 8 – Non living objects - Hatching	May Mothers' Day craft
July Chapter 13 – Rose Chapter 29,30,31 – Leaves Chapter 26 – Figure drawing Chapter 37 – Monochrome Colours	July Chapter 20 – Flower Vase
August Chapter 23,25 – Sea animals Chapter 3 – Light and Shade Independence Day painting Chapter 14,15,16 – Vegetable study Teachers' Day painting	August Independence Day craft Teachers' Day craft
September Chapter 9,10 – Fruit study Chapter 17,18 – Bird study Chapter 28 – Graphic form of a body Chapter 46,47 – Tree study	September Chapter 27 – Paper Fold
October Chapter 22,24 – Sea animals & Sea shells Chapter 2 – Active Negative space Dussehra painting Chapter 19,48 – Bird study	October Dussehra craft
November Diwali painting Chapter 40,41 – Portrait Chapter 11 - Grapes	November Diwali craft

<p>December Chapter 21 – Dolphin Chapter 32,33 – Eyes study Christmas painting New Year painting</p>	<p>December Christmas craft Chapter 42 – New Year card</p>
<p>January Chapter 12 – Book (Different positions) Republic Day painting Chapter 34,35,36 – Lips, Ears, Nose Chapter 43 - Eagle</p>	<p>January Republic Day craft</p>
<p>February Chapter 6 – Still Life Chapter 25 – Sea Animals Chapter 43 – Eagle Chapter 19 - Macaw</p>	<p>February Chapter 38 – Origami- Duck Chapter 44 – Butterfly Blow art</p>