



# ***HOLY CROSS SCHOOL***

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## **SYLLABUS FOR CLASS - IV (2017-2018)**

### **SUBJECT: ENGLISH**

**BOOKS:** Main course:- New Gul Mohar Reader 4

Grammar:- Basic English Grammar And Composition

Periodic Test- 1

40 days

Course Book :- Lesson 1 Visitors at Duliatal

Poem On The Bridge

Grammar:- Lessons 1. The Alphabetical Order

2. Sentences and Phrases

3. Parts of a Sentence

4. Statements and Questions

Writing Skills:- a) Complete the story in your words (pg 10, Eng 2 )

b) Paragraphs

c) Formal Letters

Work Book:- Same

Periodic Test- 2

28 days

Course Book:- Lesson 2 Vesuvius Comes Alive

Poem The Wind

Grammar:- Lesson 5. Questions and Answers

6. The Wh – Family

7. Negative and Positive Sentences

8. Parts of Speech

Writing Skills:- a) Write a short paragraph about the market place in Pompeii

(pg 23, Eng 2)

b) Pick out words or lines from the poem which describe the

wind like a person (pg 36, Eng 2 )

c) Paragraph writing

Work Book :- Same

## **SUMMATIVE ASSESSMENT I**

**29 days**

Course Book:- Lessons 3. I am Born

4. Jeannie's Ambar Beads

5. Before the Match

6. Saving The Sparrow

Poems i) Seeds

ii) The Snake

Grammar:- Lessons 9. Nouns and kinds of Nouns

10. Singular and Plural Nouns

11. Genders

12. Pronouns and kinds of Pronouns

Writing Skills:- a) Creating an outline story

b) Informal Letters

c) Imagine you are Swami and write a paragraph on How

I found time to practice for the match. (pg 51 Eng 2)

Work Book:- Same

Periodic Test – 3

21 days

Course Book:- Lesson 7. A Stormy Day

Poem The Land of Nod

Grammar:- Lessons 13. Adjective and kinds of Adjectives

14. Adjectives: Comparison

15. The Verb

16. Subject: Verb Agreement

Writing Skills:- a) Complete these sentences (pg 74 & 77, Eng 2 )

b) Outline Story

c) Dialogue Writing

d) Paragraph Writing

Work Book:- Same

Periodic Test – 4

22 days

Course Book:- Lesson 8 Anna Pavlova

Poem How The Little Kite Learned To Fly

Grammar:- Lessons 17.Tenses

18. Forms of Verbs

19. Adverbs

20. Prepositions

Writing Skills a) Compose a Poem

b) Picture Composition

Work Book:- Same

## **SUMMATIVE ASSESSMENT II**

**35 days**

Course Book :- Lessons 9. Waiting for the Rain

10. The Unsinkable Ship

11. The Pied Piper

12. The Happy Prince

Poem Great, Wide, Beautiful, Wonderful World

Grammar:- 21.Conjunctions

22. Interjections

23. Articles

## 24. Punctuation

Writing Skills:- a) Imagine you can see a large strong man. Write a paragraph to describe him  
(pg 102, Eng 2)

b) Write a story pg 111, Eng 2

c) Write a dialogue using these hints pg 123. Eng 2

Work Book:- Same



<b>हिन्दी पाठ्यक्रम-2017-2018</b>	
<b>कक्षा - चतुर्थ</b> <b>हिन्दी - विषय</b>	
<b>सामयिक परीक्षा - I</b>	<b>कार्य दिवस - 37</b>
<b>व्याकरण</b> 1. भाषा, बोली तथा लिपि 2. संज्ञा के भेद, वर्ण विच्छेद 3. पर्यायवाची शब्द 4. विलोम शब्द 5. अपठित गद्यांश 6. अनुच्छेद-1. ईमानदारी सर्वोत्तम नीति है 2. मीठी वाणी  पल्लव भाग-4 पाठ 1- दीपक बन जाँ पाठ 2 - दादाजी की बनिया पाठ 3 - वचन का पालन पाठ 4 - जादू है जी जादू है	<b>योग्यता विस्तार</b> भाषा शैली, एवं कौशल का विकास प्रकृति प्रेम के साथ सत्य वचन बोलने के लिए छात्रों को प्रेरित करना ।
<b>सामयिक परीक्षा - II</b> <b>हिन्दी - I व्याकरण</b> 1. वचन, लिंग	<b>कार्य दिवस - 25</b> <b>योग्यता विस्तार -</b>

<p>2. सर्वनाम के भेद 3. विशेषण , क्रिया 4. अशुद्ध शब्दों को शुद्ध करना 5. अपठित गद्यांश 6. अनुच्छेद - 1. प्रदूषण 2. समय का सदुपयोग</p> <p>पल्लव भाग-2 पाठ 5 - खरगोश के बच्चे पाठ 6 - मौसी पाठ 7 - एक उपवन के पाठ 8 - पिता ने सिखाया संगीत</p>	<p>शुद्ध वाचन /श्रवण कौशल का विकास संगीत कला के प्रति प्रेम की भावना का विकास ।</p>
<p><b>संकलित मूल्यांकन - I</b></p>	<p><b>कार्य दिवस - 134</b></p>
<p>व्याकरण</p> <p>1.संज्ञा, सर्वनाम पर्यायवाची शब्द 2.विलोम शब्द, लिंग वचन 3.गिनती 4.आवेदन पत्र 5.विशेषण 6.क्रिया, वर्ण विच्छेद 7.अनेक शब्दों के लिए एक शब्द 8.अपठित गद्यांश 9.अनुच्छेद - 1. प्रातः काल भ्रमण 2. जल ही जीवन है</p> <p>पल्लव भाग-4 पाठ 1 से 10 तक</p>	
<p><b>सामयिक परीक्षा-III</b></p>	<p><b>कार्य दिवस - 17</b></p>
<p>व्याकरण</p> <p>1.अनेक शब्दों के लिए एक शब्द 2.पर्यायवाची शब्द 3.अशुद्ध शब्दों को शुद्ध करें 4.मुहावरें</p>	<p>योग्यता विस्तार - सभी खेलों के प्रति उत्साहित करना । उनके शब्द भंडार के साथ उनका अंतर्मुखी विकास करना ।</p>

<p>5. अपठित गद्यांश</p> <p>6. अनुच्छेद -1. जीवन में खेलों का महत्व</p> <p>2. अनुशासन</p> <p>पल्लव भाग-4</p> <p>पाठ- 11 खेलों का महत्व</p> <p>पाठ- 12 वीर अभिमन्यु</p> <p>पाठ- 13 मदारी का बंदर</p>	
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<b>सामयिक परीक्षा-IV</b>	<b>कार्य दिवस - 23</b>
<p>व्याकरण</p> <p>व्याकरण</p> <ol style="list-style-type: none"> <li>1. काल, लिंग</li> <li>2. विशेषण, विशेष्य</li> <li>3. पर्यायवाची शब्द</li> <li>4. मुहावरे</li> <li>5. वाक्यांशों के लिए एक शब्द</li> <li>6. अपठित गद्यांश</li> <li>7. अनुच्छेद - 1. अशोक महान</li> <li>2. ओणम</li> </ol> <p>पल्लव भाग-4</p> <p>पाठ- 14 मेरी माँ</p> <p>पाठ- 15 ओणम</p> <p>पाठ- 16 पंच परमेश्वर</p> <p>पाठ- 17 रहीम के दोहे</p>	<p>योग्यता विस्तार -</p> <p>माता-पिता के प्रति संवा की भावना के साथ हमारे सभी पर्व व त्योहारों के प्रति मान सम्मान की भावना का विकास ।</p>
<b>सामयिक परीक्षा-II</b>	<b>कार्य दिवस - 44</b>
<p>व्याकरण</p> <ol style="list-style-type: none"> <li>1. वर्ण संयोजन, काल</li> </ol>	<p>योग्यता विस्तार -</p> <p>सभी खेलों के प्रति उत्साहित करना ।</p>

<p>2. मुहावरे, विशेषण  3. सर्वनाम के भेद  4. संज्ञा के भेद, पर्यायवाची शब्द  5. विशेष्य, वचन, लिंग  6. महीनों के नाम  7. विलोम शब्द  8. वाक्यांशों के लिए एक शब्द  9. व्यक्तिगत पत्र, अपठित गद्यांश  10. अशुद्ध शब्दों को शुद्ध करना ।  11. अनुच्छेद - 1. गणतंत्र दिवस  2. स्वामी विवेकानंद</p> <p>पल्लव भाग-4  पाठ-2, 4, 6, 8, 10 से लेकर 20 तक</p>	<p>उनके शब्द भंडार के साथ उनका अंतर्मुखी विकास करना ।</p>
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## **SYLLABUS – 2017-18**

### **MATHEMATICS**

**STD-IV**

**BOOK- BRITANNICA MATHSIGHT - 4**

**REFERENCE BOOK- MATHS STEP 4**

TEST	TOPIC	LAB MANUAL
PT-I (33 Days)	<ul style="list-style-type: none"> <li>• Large numbers</li> <li>• Addition</li> <li>• Subtraction</li> <li>• Geometry</li> <li>• Open and closed figures</li> <li>• Point, line, line segment and ray</li> </ul>	Place value chart (Indian and International)

PT-II (26 Days)	<ul style="list-style-type: none"> <li>• Multiplication</li> <li>• Division</li> <li>• Factors and multiples</li> <li>• Geometry</li> <li>• Polygons and types of polygons</li> </ul>	Factorization of numbers using activity
SA-I (40 Days)	<ul style="list-style-type: none"> <li>• Fraction</li> <li>• Addition and subtraction of fractions</li> <li>• Unitary method</li> <li>• Simplification</li> </ul> Oral assessment Portion from PT-I to SA-I Tables-5 to 15	Comparison of like fractions
PT-III (15 Days)	<ul style="list-style-type: none"> <li>• Perimeter</li> <li>• Metric measures (conversion, addition and subtraction of metric units)</li> </ul>	<ul style="list-style-type: none"> <li>• To find out the perimeter of a figure by measuring their outer length</li> <li>• Conversion of one unit of metric measure to another unit.</li> </ul>
PT-IV (20 Days)	<ul style="list-style-type: none"> <li>• Time</li> <li>• Geometry</li> <li>• Angles</li> <li>• Types of angles</li> </ul>	<ul style="list-style-type: none"> <li>• Explore the knowledge of different types of angles</li> </ul>
SA-II (21 Days)	<ul style="list-style-type: none"> <li>• Money</li> <li>• Patterns</li> <li>• Data handling</li> <li>• Geometry</li> <li>• Circle</li> <li>• Symmetry</li> </ul> Oral assessment Portions from PT-I to SA-II Tables-5 to 20	<ul style="list-style-type: none"> <li>• Observe and evaluate the bills</li> <li>• To draw the line of symmetry in all English alphabets</li> </ul>

## SCIENCE SYLLABUS (2017-2018)

**CLASS-4**

**BOOK- PRACHI SCIENCE 4**

ASSESSMENTS	ACTIVITIES/SKILLS
PERIODIC TEST-1	25 MARKS
LESSON -1 The Green Plants <ul style="list-style-type: none"> <li>• Functions of different parts of a plant</li> <li>• Photosynthesis</li> <li>• Usefulness of Plants</li> <li>• Role of the Plants in protecting the Environment</li> </ul>	1. Paste a dry leaf and label its different parts. 2. Paste a dry leaf and try to spot its stomata. Skill- To develop the cognitive domain, concrete to abstract
LESSON – 2 Plants Habitat	1. Take a walk in your school park, make a list of different kinds of plants: their habitat



<ul style="list-style-type: none"> <li>• Different habitats of Plants.</li> <li>• Terrestrial Plants</li> <li>• Aquatic Plants</li> <li>• Unusual Plants</li> </ul>	<p>2. Collect leaves of grass plant like wheat, rice , sugarcane, bamboo, wild grass etc, &amp; paste in a paper.</p> <p>Skill- Observation , Fact collection</p>
PERIODIC TEST-2	25 MARKS
<p>LESSON – 3 Reproduction in Animals</p> <ul style="list-style-type: none"> <li>• Reproduction</li> <li>• Types of Reproduction</li> <li>• Features of Mammals</li> <li>• Different stages of growth of animals</li> <li>• Parental Care</li> </ul>	<p>1. Visit a pond to observe the tadpoles. Make the model of the :</p> <p>a) life cycle of cockroach, b) life cycle of a frog, butterfly</p> <p>2. Structure of egg.(Study &amp; observe)</p> <p>Skill- Observation &amp; Demonstration skill</p>
<p>LESSON – 4 Adaptation in Animals</p> <ul style="list-style-type: none"> <li>• Habitat</li> <li>• Adaptation for food,climate,defence</li> <li>• Causes of change in Habitats</li> <li>• Different stages of growth of animals</li> <li>• Parental Care</li> </ul>	<p>1. Make a chart on eating habits of animals.</p> <p>Skill- Creativity , Fact collection</p>
SUMMATIVE ASSESSMENT – 1	50 MARKS
<p>LESSON -5 Healthy Eatings</p> <ul style="list-style-type: none"> <li>• 5 Nutrients</li> <li>• Balanced diet</li> <li>• Food Preservation</li> </ul>	<p>Make your own diet chart for a week. Compare it with food pyramid.</p> <p>Skill- Practical application, Experimental , reasoning skill</p>
<p>LESSON – 6 Teeth and Digestion</p> <ul style="list-style-type: none"> <li>• Structure of Tooth</li> <li>• Kinds of Teeth</li> <li>• Functions of Teeth</li> </ul> <p>Taking Care of teeth</p>	<p>1. Observe the teeth of your partner in the class.</p> <p>2. Visit a dentist and ask him to show you a set of false teeth (dentures)</p> <p>Skill- Interactive skill , Group discussion</p>
<p>LESSON – 7 The World of Microbes</p> <ul style="list-style-type: none"> <li>• Importance of food</li> <li>• Process of Digestion</li> <li>• Balanced Diet</li> <li>• Rules of Healthy Eating</li> <li>• Useful Microbes</li> </ul> <p><b><u>PORTION FOR S.A-1</u></b></p> <p><b><u>LESSON -1,2,3,4,5,6,7</u></b></p>	<p>1. Make a chart of different components of food , their function, and their sources.</p> <p>2. Chew an apple/bread for some time and write what you felt</p> <p>Skill- Data Analysis , Observation skill</p>

PERIODIC TEST-3	
<p>LESSON – 8 Staying Safe</p> <ul style="list-style-type: none"> <li>• Safety Rules in kitchen</li> <li>• While playing</li> <li>• For swimming</li> <li>• On the road</li> <li>• First Aid</li> </ul>	<p>1. Make a collage using pictures of accidents from magazine.</p> <p>2. Make a First Aid box</p> <p>Skill- Interactive skill , Group discussion</p>
<p>LESSON –9 Clothes for us</p> <ul style="list-style-type: none"> <li>• Needs of clothes</li> <li>• Materials used for making clothes</li> <li>• Care and storage</li> </ul>	<p>List different kinds of materials used for making clothes</p> <p>Skill-Practical and Observation skill</p>
PERIODIC TEST – 4	25 MARKS
<p>LESSON –10 Matter and Materials</p> <ul style="list-style-type: none"> <li>• Properties of Matter</li> <li>• States of Matter</li> <li>• Solute, Solvent and Solution</li> <li>• Interchange in the States of Matter</li> <li>• Types of Change</li> </ul>	<p>1. Put a bowl of water in the freezer &amp; observe the change; Boil a bowl of water &amp; observe the change; Put a plate above the steam coming out of the boiling water &amp; observe the change.</p> <p>Skill- Experimental , Scientific &amp; Observation</p>
<p>LESSON -11 Work, Force and Energy</p> <ul style="list-style-type: none"> <li>• Types of Force</li> <li>• Importance of machine</li> <li>• Energy and its kinds</li> <li>• Conservation of Energy</li> </ul>	<p>1. Keep a few paper pins on your table. Bring a magnet close to them, see how they stick to the magnet (magnetic force).</p> <p>2. Experience your walk (friction) when wearing</p> <p>a) A pair of new slippers. b) A pair of old slippers</p> <p>Skill- Practical application, Experimental , reasoning skill</p>
<p>LESSON – 12 Water</p> <ul style="list-style-type: none"> <li>• How Sun affects Weather?</li> <li>• Land and Sea Breeze</li> <li>• Evaporation and Condensation</li> <li>• Precipitation</li> </ul>	<p>1. Collect newspaper cuttings and make a collage to show the effect of weather on our daily life.</p> <p>Skill- Aesthetic , Awareness &amp; Social interaction.</p>

SUMMATIVE ASSESSMENT – 2	50 marks
<p>LESSON – 13 Weather</p> <ul style="list-style-type: none"> <li>• Purification of Water</li> <li>• Sedimentation, Decantation and Filtration</li> <li>• Pollution of Air and Water</li> </ul>	<p>1. Demonstrate the process of Filtration, sedimentation, decantation</p> <p>2. Test the solubility of salt, sugar, sand, oil etc. &amp; make a report</p> <p>Skill - Experimental &amp; Demonstrative Skill</p>
<p>LESSON – 14 The Earth and its neighbours</p> <ul style="list-style-type: none"> <li>• Planet, Satellite, Solar System and Solar Year</li> <li>• Differentiate between Stars and Planets</li> <li>• Occurrence of Day and Night</li> <li>• Structure of Earth</li> <li>• Effects of Seasons in the Environment</li> </ul>	<p>1. Collect some facts about the eight planets of the solar system.</p> <p>2. Make the model of a) the structure of the earth b) the Solar System .</p> <p>Skill- Observation , expression</p>
<p><b><u>PORTION FOR S.A-2</u></b></p> <p><b>Lesson -6,7,8,9,10,11,12,13,14</b></p>	



## **SUBJECT: SOCIAL STUDIES**

**BOOK** : Basics of Social Science

**PERIODIC TEST I (27 days)**

Chapter 1. The Northern Mountains

Chapter 10. Our mineral wealth

Chapter 17. The Great Mauryan Empire

**PERIODIC TEST II (21 days)**

Chapter 2. The Northern Plains

Chapter 7. Our Soil

Chapter 18. The Mughal Empire

**SUMMATIVE ASSESSMENT I (49 days)**

Chapter 3. The Great Indian Desert

Chapter 11. Human Resources

Chapter 14. Means of Transport

Chapter 21. Our Government

Chapter 13. Our Industries

**PERIODIC TEST III (9 days)**

Chapter 12. Agriculture and Livestock

Chapter 15. Means of Communication

**PERIODIC TEST IV (19 days)**

Chapter 4. The Southern Plateau

Chapter 9. Forests and Wildlife

Chapter 19. Our Rich Heritage

**SUMMATIVE ASSESSMENT II.(37 days)**

Chapter 5. The Coastal Plains and Islands

Chapter 6. The Climate of India

Chapter 8. Our Water Resources

Chapter 20. They showed us the way

Chapter 22. Our Goals , Rights and Duties

Chapter 23. Our National Symbols

Portions for S.A II exam.(Repeated chapters : 5, 12, 15, 17, 19,21 )



**VALUE EDUCATION**

**Std-IV**

**TEXT BOOK – Abiding Values**

**SUMMATIVE ASSESSMENT-I (94days)**

1. Beauty
2. Faithfulness
3. Be Humble and Helpful
4. How to Study Well
5. Love Your Nation
6. Love Nature

**SUMMATIVE ASSESSMENT-II (65days)**

7. Real Friendship
8. Do Not Show Off
9. The Value of Time
10. Don't be Proud of your professions
11. The Prodigal Son
12. Practice Makes Us Perfect



**SYLLABUS (2017-18)**

**GENERAL KNOWLEDGE**

**STD- IV**

**SUMMATIVE ASSESSMENT - I**

**(97 DAYS)**

**PAGE NO – 5 TO 28**

1. FLOWER SHOW
2. WHAT WE EAT
3. PARTS OF A PLANT

4. MIGHTY MOUNTAINS
  5. SKY WATCH
  6. ON THE MOVE
  7. FOREIGN CURRENCIES
  8. FREEDOM FIGHTERS
  9. SPORTS FUN
  10. INDIAN LANGUAGES
  11. OUR BODY SYSTEMS
  12. AMAZING FACTS
  13. BOOKS AND AUTHORS
  14. GREAT EMPERORS
  15. WOMEN IN POLITICS
  16. HEALTH IS WEALTH
  17. FESTIVE MOOD
  18. QUIZ 1
  19. BREEDS OF DOG
  20. ANIMAL FAMILIES
  21. SPICY SPICES
  22. WATER BODIES
  23. GROWING A CROP
  24. WORLD SUPERLATIVES
- \* CURRENT AFFAIRS**

**SUMMATIVE ASSESSMENT: II**

**(65 DAYS )**

**PAGE NO. – 29 TO 56**

1. NATIONAL EMBLEMS.
2. HILL STATIONS OF INDIA.
3. UTTARAKHAND : THE DEV BHUMI
4. FOOTBALL.
5. WHAT’S THAT SOUND?
6. INDIAN SPORTS PERSONALITIES.
7. A SPORT PUZZLE.
8. BOLLYWOOD STARS.
9. QUIZ – 2
10. LEAVES.
11. LOOK ALIKE.
12. NEIGHBOURING COUNTRIES.
13. AMAZING FACTS.
14. MUMBAI : THE DREAM CITY.
15. SOBRIQUETS.
16. CLASSICAL DANCES.
17. FAIRY TALES.
18. GREAT INVENTORS.
19. GREAT EXPLORERS.
20. WHAT WILL YOU SAY.
21. GOING TO SCHOOL.
22. PLACES TO KNOW.

- 23. COMMON TOOLS.
- 24. PREPARING FOOD.
- 25. DRUMBEATS.
- 26. YOGA POSES.
- 27. QUIZ – 3
- \* CURRENT AFFAIRS



## **ENVIRONMENTAL EDUCATION SYLLABUS (2017-18)**

### **STD-IV**

### **Book – Environmental Education for us – 4**

#### **SUMMATIVE ASSESSMENT- 1**

**(94 Days)**

#### **Lessons –**

- 1. Living and non living things.
- 2. Parts of plant.
- 3. Internal organs of our body.
- 4. Look around
- 5. Natural phenomenon
- 6. Food and water
- 7. Housing

#### **SUMMATIVE ASSESSMENT – 2**

**(65 Days)**

#### **Lessons –**

- 8. Clothes for season and occasions
- 9. Recreation.
- 10. Health and hygiene.
- 11. Transport and communication.
- 12. Natural resources.
- 13. What a waste
- 14. Public property and community.
- 15. Caring for “Those Around Us”



**SYLLABUS (2017-2018)**  
**CLASS-4 (COMPUTER SCIENCE)**

**BOOK- UNDERSTANDING INFORMATION TECHNOLOGY- 4**

<b>SUMMATIVE ASSESSMENT-1 (95 days)</b> <b>Copy(5mks.)+Written(40mks.)+Activity(5mks.)=50</b>	<b>ACTIVITY</b>
<b>LESSONS :</b>  <ol style="list-style-type: none"><li>1. Computer Fundamentals</li><li>2. History Of Computers</li><li>3. Components Of Computer system</li><li>4. More About Windows(An Operating System)</li><li>5. Working with MS – Word 2010</li></ol>	<b>Lab Activity:</b>  Write an application using different features of MS-WORD.
<b>SUMMATIVE ASSESSMENT-2 (65 days)</b> <b>Copy(5mks.)+Written(40mks.)+Activity(5mks.)=50</b>	<b>ACTIVITY</b>
<b>LESSONS :</b>  <ol style="list-style-type: none"><li>6. First step to Internet</li><li>7. Multimedia and Entertainment</li><li>8. Working with MS- Paint</li><li>9. Learn More LOGO Commands</li></ol>	<b>Lab Activity:</b>  1.Draw different geometrical shapes using LOGO Primitives.  2. Draw different geometrical shapes using LOGO Primitives.