

XAVIER SCHOOL, GAMHARIA
Syllabus for the Academic year 2017 - 2018
Class - IV
English Language

Active English 5 (New Edition)
Essential English Grammar

Tests/Exams	Topics
1st TERM UNIT TEST	<p><u>Essentials of Eng Grammar and Comp.</u> Ch.1 Alphabetical Order Ch.2 The Sentence Ch.3 Kinds of sentences Ch.4 Negative sentences Ch.5 Interrogative Sentences Active Eng Bk- ch.1 The Magic Pear Tree Paragraph Writing- My Favourite Festival (90-100 words)</p>
1st TERM EXAM	<p><u>Essentials of Eng Grammar and Comp.</u> Ch.6 Subject and Predicate Ch.7 Nouns Ch.8 Common and Proper Nouns Ch.9 Collective Nouns Ch.10 Countable and Uncountable Nouns Ch.11 Nouns: Number Ch.12 Nouns: Gender Active Eng Bk—ch.2 The Strange Fish Ch.3 The Biggest Ship in the World Comprehension Project-- On a sheet of chart paper stick seven pictures of Collective Nouns ACTIVITY(based on reading and writing skills) Write any five proverbs and explain them in your own words</p>
2nd TERM UNIT TEST	<p><u>Essentials of Eng Grammar and Comp.</u> Ch.13 Nouns: Possession Ch.14 Adjectives Ch.15 Degrees of Comparison Ch.16 A,An,The Active Eng Bk—ch.4 The Well Diggers Paragraph Writing- My Favourite Season (100 words)</p>

<p>2nd TERM EXAM</p>	<p><u>Essentials of Eng Grammar and Comp.</u> Ch.17 Pronouns Ch.18 Verbs Ch.19 Present,Past and Future Tenses Ch.20 Simple Present Tense Ch.21 Present Continuous Tense <u>Active Eng Bk</u>-- ch.5 The River Ganga Ch.6 Snakes Comprehension Project-- In a file , write five sentences of Simple Present Tense and five sentences of Simple Past Tense and stick pictures related to them ACTIVITY(based on reading and writing skills) Make phrases with ten words given by the teacher using at least three adjectives .</p>
<p>3rd TERM UNIT TEST</p>	<p><u>Essentials of Eng Grammar and Comp.</u> Ch.23 Can,May,Should,Must Ch.24 Subject- Verb Agreement Ch.25 Adverbs Ch.26 Prepositions <u>Active Eng Bk</u>—ch.7 Volcanoes Paragraph Writing—My Favourite Game (100-120 words)</p>
<p>3rd TERM EXAM</p>	<p><u>Essentials of Eng Grammar and Comp.</u> Ch.27 Conjunctions Ch.28 Interjections Ch.29 Understanding Words Ch.8 Common and Proper Nouns Ch.9 Collective Nouns Ch.12 Nouns: Gender Ch.15 Degrees of Comparison Ch.16 A,An,The Ch.18 Verbs <u>Active Eng Bk</u>-- Ch.8 A Great Indian Emperor Ch.9 Rockets in the Sky Comprehension Project—Draw or stick the picture of a market scene and write ten sentences related to it . ACTIVITY(based on listening and speaking skills) Speak seven lines on your favourite Indian emperor.</p>

English Literature

New Gul Mohar 4

FIRST UNIT TEST (30 marks)

Ch.1 Visitors at Duliatal

Poem : On the Bridge

FIRST TERM EXAM (60 marks)

Ch. 2 Vesuvius Comes Alive

Ch. 3 I am Born

Poem : The Wind

PROJECT - In a file draw or stick the picture of a volcano and write ten sentences on it

ACTIVITY (based on listening ,speaking and writing skills) : Recite any poem related to nature and write in the activity copy

SECOND TERM

UNIT TEST (30 marks)

Ch 4. Jeannie's Amber Beads

Poem : Seeds

SECOND TERM EXAM (60 marks)

Ch. 5 Before the Match

Ch.6 Saving the Sparrow

Ch.7 A Stormy Day

Poem : The Snake

PROJECT - In a file stick or draw the pictures of five birds and write four lines on each

ACTIVITY (based on reading and writing skills)

Write a paragraph on your favourite cricketer. (70-80 words)

THIRD TERM

UNIT TEST (30 marks)

Ch.9 Waiting for the Rain

Poem : The Land of Nod

THIRD TERM EXAM (60 marks)

Ch.10 The Unsinkable Ship

Ch. 11 The Pied Piper

Ch.12 The Happy Prince

Poem : How the Little Kite Learned to Fly

Poem : Great, Wide, Beautiful, Wonderful World

PROJECT - Using chart paper or thermocol make a beautiful kite

ACTIVITY (based on listening and speaking skills)

Speak seven sentences on your favourite musical instrument

Mathematics

Precise Mathematics Part 4

1 st Round	Chapter 1 Numbers Chapter 2 Addition and Subtraction	Project : Calender
1 st Term	Chapter 3 Multiplication Chapter 4 Division Chapter 5 Test of Divisibility	Activity: Write squares of numbers from 1 to 25.
2 nd Round	Chapter 8 Fraction Chapter Money	Project: Roman numerals
2 nd Term	Chapter 6 Factors and Multiples Chapter 7 H.C.F and L.C.M Chapter 9 Decimal Fractions Chapter 16 Roman Numerals	Activity : Pupil writes roman numerals from 1 to 50 , using Match stick.
3 rd Round	Chapter 10 The Metric system Chapter 17 Bar Graph Chapter 18 Workshop in Math Chapter 15 Perimeter and Area	Project: Bar Graph
3 rd Term	Chapter 11 Unitary Method Chapter 14 Geometry Chapter 19 Mental drill	Activity: Pupil makes Different objects related to cylinder , cube, cuboid

SCIENCE

Connect with Science

TERM	PORTION	KEY CONCEPTS	LIFE SKILLS
1ST TERM UNIT TEST (30)	CHAPTER 1 : HUMAN BODY: FOOD WE EAT Chapter 2: HUMAN BODY: TEETH	<ul style="list-style-type: none"> ▪ Food for energy, for work, food for growth ▪ Structure and function of teeth. Care of teeth, need for regular check-up. Role of food in the development of healthy teeth and gums. 	<ul style="list-style-type: none"> ▪ Sensitivity towards plants/environment, avoiding wastage of food. ▪ Healthy habits for a healthy living.
1st TERM (60)	CHAPTER 3: HUMAN BODY: DIGESTIVE AND EXCRETORY SYSTEM CHAPTER 4: PLANTS IN THE SURROUNDINGS AND ENVIRONMENT CHAPTER 1: HUMAN BODY: FOOD WE EAT (REVISION)	<ul style="list-style-type: none"> ▪ Functions of various organs in digestion, need for chewing food well, and for regular bowel movement ▪ Parts of the plants and their uses. Kinds of roots, shoots. Products obtained from plants 	<ul style="list-style-type: none"> ▪ Sensitivity towards plants and environment
PROJECT (10)	Preparing a component wise chart on different food items with examples.		
Activity	Preparing a chart on junk food and healthy food items		
2nd TERM UNIT TEST(30)	CHAPTER 5: Adaptation in plants Chapter 6: Adaptation in animals	<ul style="list-style-type: none"> ▪ Adaptation of plants on land, water, desert and hilly areas with examples ▪ Need and reasons of adaptation in animals on land and water 	<ul style="list-style-type: none"> ▪ Concern for the environment ▪ Care and concern for animals
2nd TERM (60)	CHAPTER 7: Air	<ul style="list-style-type: none"> ▪ Properties of air, composition of air. Process of breathing and burning, causes of air pollution. 	<ul style="list-style-type: none"> ▪ Pollution and its impact on environment.

	Chapter 8: Materials and Solutions Chapter 5: Adaptation in plants (revision)	<ul style="list-style-type: none"> ▪ Soluble and insoluble substances, method of separation- sedimentation, decantation, filtration, evaporation 	
PROJECT (10)	Select five animals living in different habitats i.e; landforms, climate and vegetation. Collect their pictures and make a chart as per the format in page no 76.		
ACTIVITY	(Page no-99) collect different substances such as chalk. Flour, refined oil, wax and sand. Identify whether these are solids or liquids and also if these are soluble in water or not.		
3RD TERM UNIT TEST (30)	CHAPTER 9: Light CHAPTER 10: Measurement	<ul style="list-style-type: none"> ▪ Properties of light. Formation of shadows. Transparent, translucent and opaque objects. ▪ Use of instrument for measurement. 	▪ Mathematics
3rd TERM (60)	CHAPTER 11: Push and Pull Chapter 12: Friction as a force Chapter 9 : Light (revision)	<ul style="list-style-type: none"> ▪ Meaning of force. Types of force- muscular, gravitational, magnetic and frictional. ▪ How to reduce friction, uses of friction. Harmful effects of friction 	▪ Examples of push and pull
PROJECT (10)	Make a chart on different types of weighing balance OR Make a model of weighing balance.		
ACTIVITY	To show that light travels in a straight line (page no-103)		

SOCIAL STUDIES

MY WORLD AND I

TERM	PORTION	KEY CONCEPT
1ST TERM UNIT TEST (30)	CHAPTER 1: THE STORY OF THE PAST CHAPTER 2: SOURCES OF HISTORY. CHAPTER 3: TIMELINES	<ul style="list-style-type: none"> ▪ The need to study History. Need to compartmentalize History into ancient, medieval and modern periods. ▪ Archaeological sources, need to preserve sources. ▪ Gregorian calendar, Saka calendar, timeline (AD and BC), Use of CE and BCE
1ST TERM (60)	CHAPTER 5: MOTIONS OF THE EARTH CHAPTER 6: THE FOUR DOMAINS OF THE EARTH CHAPTER 7: LAND FORMS AND WATER BODIES	<ul style="list-style-type: none"> ▪ Concepts of Axis, rotation-day and night, revolution-seasons ▪ Lithosphere, hydrosphere, atmosphere, biosphere. ▪ Major landforms-mountains, plateaus. Plains, deserts, continents and oceans
PROJECT (10)	Make a model of any one of the landforms	ACTIVITY: Make a collage of different monuments present in India as well as International monuments.
2ND TERM UNIT TEST (30)	CHAPTER 8: MAPS-TYPES AND ELEMENTS CHAPTER 9: STATES IN THE NORTHERN MOUNTAINS	<ul style="list-style-type: none"> ▪ Types of maps, scale, sign and symbols, uses of colours. ▪ States and its capital, important cities, climates, vegetation, agriculture.
2ND TERM (60)	CHAPTER 10: STATES IN THE GREAT NORTHERN PLAINS. CHAPTER 11: DRY WESTERN STATES. CHAPTER 12: STATES OF THE PLATEAU REGION.	<ul style="list-style-type: none"> ▪ States and its capital, important cities, climates, vegetation, agriculture
PROJECT (10)	List the states of the plateau region. Write the names of the wild life sanctuaries and its historical places	ACTIVITY: Picture study page no 65.
3RD TERM UNIT TEST (30)	CHAPTER 4: What is Civics? CHAPTER 13: STATES	<ul style="list-style-type: none"> ▪ Definition of civics, civic sense, citizen. Importance of being a good neighbor and a good citizen. ▪ States and its capital, important cities,

	OF THE COASTAL PLAINS. CHAPTER 14: THE ISLAND REGIONS	climates, vegetation, agriculture
3RD TERM (60)	CHAPTER 15: INDIA-PHYSICAL DIVISIONS CHAPTER 16: THE PEOPLE OF INDIA. CHAPTER: 17: POLLUTION AND ITS IMPACT.	<ul style="list-style-type: none"> ▪ The Himalayas, Northern Plains, Peninsular plateau. ▪ Population, languages, festivals, food habits ▪ Causes, effects, prevention of pollutions.
PROJECT (10)	CONSERVATION OF THE ENVIRONMENT	ACTIVITY: Make three groups. Each group should take up one of the three kinds of pollution. Make a detailed charts on each-causes, how much damage it is causing to the environment and also come up with a solution to control it.

Creative Writing

Exam	Topic	Tentative Months
1 st Unit Test (05 Marks)	Write a paragraph on the following topics(100 – 150 words) i)Holi	March/April
1 st Term Exam (05 Marks)	ii)A journey by train iii)Self-help is the best help	May/June
2 nd Unit Test (05 Marks)	iv) A pizza treat	July/August
2 nd Term Exam (05 Marks)	v)My elder sister vi)My city	September/October
3 rd Unit Test (05 Marks)	vii) My hobby	October/November
3 rd Term Exam (05 Marks)	viii)My new year resolution ix) Exam preparation	December/January

Computer

Book: Syntax

Term-I

Chapter 1- Input and Output Devices

Chapter 3- Working With Windows7

Chapter 5- Editing Text in MS Word 2007

Unit Test- Chapter 1 and 3

Project- Paste 3 Input and Output Devices along with their features and usage.

Activity- Practical Lab activity on MS Word 2007 including Typing and Formatting of Texts in Word 2007.

Term-II

Chapter 2- Memory and Storage

Chapter 9- Microsoft PowerPoint 2007

Chapter 10- Internet

Unit Test- Chapter 2 and 9

Project- Five advantages and disadvantages of Internet.

Activity- Practical Lab activity on MS PowerPoint 2007 including Slide preparation, design and layout adjustment for a slide show.

Term-III

Chapter 4- Tux Paint

Chapter 6- Formatting a Document

Chapter 7- Logo Command

Chapter 8- Writing Procedures

Unit Test- Chapter 4, 6 and 7

Project- Write any five Logo commands along with their syntax and examples.

Activity – Practical lab activity on Tux Paint i.e. free hand drawing including graphics and added features of Tux Paint.

Art & Craft

Begin with Art

TERMS	TOPICS
1 ST TERM	Flower , Butterfly , Still life , Zoo , Gold fish , Geometrical shape, Sheep , Alpana design , Pigeon . HOLIDAY HOMEWORK Project - Types of Lines CRAFT WORK- Wall hanging , Flower ring
2 nd TERM	Japanese man , Vegetables , Rabbit , Shops , Squaring up method , Birthday , Landscape , Match stick work. CRAFT WORK - Flower (Tulip) , Beads flower
3 rd TERM	Batman , Mat design , Scraping technique , Blow texture , Proportion , Spray painting , Paper collage , Salt cellar, Knife painting , Photo collage . CRAFT WORK - Penguin

Moral Science

We are the World 4

FIRST UNIT TEST

Chapters: Discovering feelings
How others feel

FIRST TERM EXAM

Chapters: People who help
Friends and teachers

PROJECT - In a file, stick the pictures of different kinds of faces and name the feeling that is expressed through the faces

ACTIVITY (based on reading and writing skills) – Write five sentences on how your friends help you and five sentences on how you help them

SECOND TERM

SECOND UNIT TEST

Chapters : When I'm angry
I want that too

SECOND TERM EXAM

Chapters : Somebody loves you
When I feel hurt

PROJECT - Stick five pictures of those people whom you love a lot and write three sentences about each one of them

ACTIVITY (based on reading and writing skills) - Write about the five things you do when you are angry

THIRD TERM

THIRD UNIT TEST

Chapters : I'm nervous
Wipe away those tears

THIRD TERM EXAM

Chapters : Act wisely
Feeling left out
Expressing my feelings

PROJECT - In ten sentences write about how you felt when you were left out by your friends and classmates

ACTIVITY (based on listening and speaking skills) – Speak five sentences on the topic “Helping people”.

General Knowledge

What's What 4

Exam	Topic
1 st Unit test (30 marks)	Chapter: - Life and nature (pg : 1-8) Around the world (pg : 9-10)
1 st term (60 marks)	Chapter: - Around the world (pg : 11-15) Incredible India (pg : 16-22)
Project (10 marks)	Stick pictures of 5 famous festivals and famous pilgrimage of India in G.K copy.
Activity	Stick Tulsi , Neem and Curry leaves and write two lines about each leaves. Do it in G.K copy.
2 nd Unit test (30 marks)	Chapter :- The magic of words (pg : 23-28) Sci – Tech Trek (pg : 29-30)
2 nd Term (60 marks)	Chapter :- Sci – Tech Trek (pg : 31-35) Brainwaves (pg : 36 – 40)
Project (10 marks)	Write five lines about any two poets of India in G.K copy
Activity	Draw the pictures of speedometer, thermometer, stethoscope and compass and write their uses. Do it in G.k copy.
3 rd Unit test (30 marks)	Chapter :- The world of sport (pg : 41-46) Lesson for life (pg : 47-49)
3 rd Term (60 marks)	Chapter :- Lesson for life (pg : 51-54) More to know (pg : 55-60)
Project (10 marks)	Draw the icons of any 10 Olympic events and write their names
Activity	Stick the pictures of four Natural Disasters and write about them. Do it in G.K copy.

Sanskrit

संस्कृत ज्ञान लतिका प्रवेशिका

First unit Test

1. वन्दना

* स्वउच्चारण के साथ अर्थ , शब्दार्थ ,

2. संस्कृत वर्णमाला

* स्वर वर्ण , व्यंजन वर्ण , सयुक्त वर्ण की परिभाषा

3. अकारांत-पुलिंग

* संज्ञा पुलिंग शब्द परिचय

गतिविधियाँ- क्रियापदानाम चित्रं रचयित्वा संलग्न वा कृत्वा क्रियापदानि लिखत

First Term Exam

1. अकारांत-नपुंसकलिंग

* संज्ञा नपुंसकलिंग परिचय , शब्दार्थ

2. अकारांत-स्त्रीलिंग

* संज्ञा स्त्रीलिंग शब्द परिचय , विलोम शब्द

3. क्रियापदानि

* क्रिया की परिभाषा , शब्दार्थ

4. वर्णविन्यास , वर्णसंयोजन

* वर्णविन्यास , वर्णसंयोजन के नियम

PROJECT- मम परिवार विषय पर परियोजना बनाएँ

SECOND UNIT TEST

1. पशु पक्षिणः

* वचन की परिभाषा , एकवचन बहुवचन

2. सरिता

* एकवचन , बहुवचन , शब्दार्थ

गतिविधियाँ- संस्कृत में पालिता और आरण्यका पशु , पक्षी की सूची तैयार करे और कक्षा में सुनाएँ।

SECOND TERM EXAM

1. शाक फलानि

* साग सब्जियों का परिचय , शब्दार्थ

2. वयं छात्रा स्म :

* विलोम शब्द , वचन

3. विभक्ति चिन्ह

* कारक का परिचय

4. सर्वनाम शब्दरूपाणि

*सर्वनाम की परिभाषा , उदाहरण

PROJECT- अस्माकं सहायकाः विषय पर परियोजना कार्य

THIRD UNIT TEST

1. उद्घानं

*सर्वनाम कापरिचय

2.वनं

*मिलान करे ,शब्दार्थ

गतिविधियाँ - धातुरूप लट् लकार (पठ् , गम् , लिख्) स्मरण करेंगे और कापी में लिखेंगे

THIRD TERM EXAM

1. पिपासितः काकः

* प्रश्न निर्माण , मिलान करना

2.के कति सन्ति

* चित्रों के आधार पर उत्तर , शब्दार्थ

3. धातु-रूप (लट्-लकार)

* संस्कृत में तीनो पुरुषों का ज्ञान

4.चित्र लेखन

* चित्र देख कर वर्णन

PROJECT - मम पाठशाला विषय पर परियोजना कार्य

Hindi language

गुंजन हिंदी पाठमाला 4

First term ExamMarks-100

1st unit Test (30 *10 = 40)

1. भाषा और व्याकरण

२.वर्ण - विचार

३. उच्चारण के आधार पर मात्रा अभ्यास

परियोजना कार्य- (10)' रंगा सियार' या' भेड़िया आया ' कहानी पुस्तक के आधार पर पूरा करो।

First Term Exam (60)

३.अनेक शब्दों के लिए एक शब्द

४. संज्ञा

५. पर्यायवाची शब्द

गतिविधि - समूह में पर्यायवाची शब्दों का फ्लैश कार्ड तैयार करें।

2nd unit test (30 +10 = 40) Marks-100

१. लिंग

२. वचन

३. विलोम शब्द

परियोजना कार्य- चित्रलेखन-(10) संवाद लेखन-माँ और बेटी के बीच/कप्तान और खिलाड़ी के बीच/ डॉक्टर और मरीज के बीच

Second Term Exam (60 marks)

१. सर्वनाम

३. पत्र लेखन

४. विलोम शब्द

५. कारक

Third Unit test (30+10= 40)

1. विशेषण

२. क्रिया

३. अशुद्ध को शुद्ध करना

परियोजना कार्य- - (10) चित्र वर्णन

गतिविधि- समूह में क्विज़ का संचालन किया जाएगा

- मुहावरे

Third term exam (60)

1. काल

२. मुहावरे

३. अपठित गद्यांश

४. विशेषण

५. अनुच्छेद - लेखन

६. विराम चिह्न

Hindi Literature

सोनका व्याकरण आनंद - 4

सत्र	पाठ	परियोजना कार्य	गतिविधियाँ
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1st Unit Test (Total marks : 30) (project work : 10)	Ch:1 भारत के बच्चे (कविता) Ch:2 ईदगाह(कहानी)	वर्षा ऋतु पर आधारित प्रायोगिक कार्य करें	पानी बर्बाद ना हो इसके लिए पाँच - पाँच नारा चार्ट पेपर में लिखो।
1st Term (Total marks : 60)	Ch:3 स्वामी विवेकानंद (जीवनी) Ch:4 प्रकृति की सुषमा (कविता) Ch:5 हमारा तिरंगा झंडा(लेख)		
2nd Unit Test (Total marks : 30) (project work : 10)	Ch:6 एवरेस्ट के साथ मेरी भेंट(वर्णन-यात्रा) Ch:7 चींटी और कबूतर(कविता)	परियोजना कार्य कबड्डी खेल के महत्व,नियम एवं लाभ पर चर्चा करें एवं लिखें।	कबड्डी खेल का अभ्यास मैदान में करें।
2nd Term (Total marks : 60)	Ch:9 कदंब कापेड़(कविता) Ch:10 अपना गाँव(चित्रकथा) Ch:11 आइजक न्यूटन(जीवनी)		
3rd Unit Test (Total marks : 30) (project work : 10)	Ch:15 तीन शर्ते (नाटक) Ch:16 सपना (कविता)	परियोजना कार्य जल संरक्षण पर आधारित संवाद लिखें	ऐतिहासिक इमारतों का एलबम तैयार कर ऐतिहासिक इमारतों के बारे पाँच - पाँच वाक्य लिखें।

3rd term (Total marks : 60)	Ch:13 एकपत्र - के श्रीनंदिनी नाम(पत्र) Ch:14 केरल का निमंत्रण (पर्यटन) Ch:15 तीन शर्ते (नाटक) Ch:16 सपना (कविता)	
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