

GREEN VALLEY

EDUCATIONAL INSTITUTE

(An Alma-mater of Mental and Physical Development)



SYLLABUS FOR 4th STANDARD

SESSION 2015 – 2016

Name of the Student: _____

Roll No.: _____

Section: _____

Ellahi-Bagh, Buchpora, Srinagar, Kashmir.

Term – 1st**A: Lessons:**

- The Almohad Coffee Shop
- Pollution
- The Coin Collector on Ganga's Bank
- Caught in a Fire
- Helen Keller

B: Poetry:

- The Slimy Rattlesnake
- Save the Earth
- I wish I Could

C: Grammer (General):

- Types of Sentences
- Conditionals
- Prepositions (of, though, in, on, with, look for and look at)
- Adverbs (of time and frequency)
- Character Sketches
- Adjective (Degrees of comparison)

D: Grammer (Language Oriented Grammar) :

- Present Simple(Passive)
- Present Continuous (Passive)
- Present Perfect (Passive)
- Past Simple (Active)

E: Spoken English

- About Yourself (use of passive voice)
- Sunday Exploration
- Social Identities

Term – 2nd**A: Lessons:**

- Let Us Live
- The New Face of India
- Alexander the Great

B: Poetry:

- The Mountainside

- Mother
- Money Money Money

C: Grammer (General):

- Modals (can/cannot,may/maynot)
- Coordinate Conjunctions
- Suffixes (- less, and –ness only)
- Character Skethes

D: Grammer (Language Oriented Grammer) :

- Past Simple/ Continuous/ perfect
- Selected Words (*words to be received from H.O.D English*)

E: Spoken English

- Past Reminiscences
 - Role Plays
 - Group Discussions

(In accordance with the instructions from H.O.D English)

Mathematics

Joy of Mathematics – 4 (Frank Brothers)

Term – 1st:

- Number System
- Addition and Subtraction
- Multiplication
- Division
- Multiples and Factors
- Pictorial Representation of data
- Unitary Method
- Geometry (Line Segments, Measuring Line Segments, Angles , Measuring Angles , Drawing angles using Protractor)

Term – 2nd:

- Fraction
- Decimals
- Metric System
- Money
- Area and Perimeter
- Geometry (Triangles, Constructing Triangles, Quadrilaterals, Construction of Squares and Rectangles, Perpendicular Lines, Circles).

Activity 1: To draw the following on a dot paper

- Triangle
- Square
- Rectangle

- Activity 2:**
- To find the centre of a circle by paper folding and verify that length of radius of the circle is always same.
 - To make a geometrical design using compass and a ruler.
 - To make a pattern of different circles with
 - i) same centre and different radii
 - ii) same radii and centers on the same line

Activity 3: Do the following by paper folding

- **Transform a square into**
 - four rectangular quarters
 - four square quarters
 - four triangular quarters
- **Transform a rectangle into**
 - four rectangular quarters
 - four triangular quarters

Activity 4: To mark $\frac{1}{4}$ m, $\frac{1}{2}$ m and $\frac{3}{4}$ m on a string of length 1 m.

Activity 5: (a) To write a secret code message if all the English alphabets are replaced by numbers from 1 to 26 ,respectively ,in order.

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

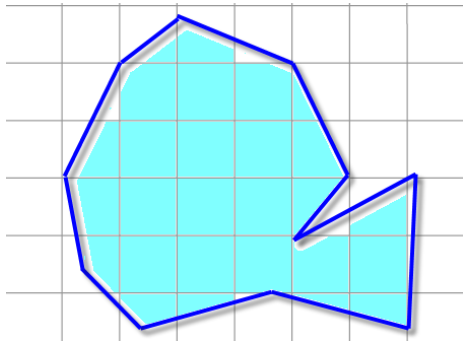
(b) To decode the given message on the basis of above code.

- 9 12 15 22 5 13 25 13 15 20 8 5 18
- 9 19 20 21 25 9 14 7 17 5 5 14 22 1 12 12 5 25

Write five sentences and code them.

Activity 6: (a) To find the length of the boundary of the top of mathematics text book in (cm) using a thread.

- (b) To find the length of the boundary of any shape in (cm) drawn on a paper using thread.



Activity 7: (Group Activity)

Divide the class in the groups of 5(say) and perform the following activities in each group.

- Measure the height of each member in cm(s) using a measuring tape.
- Measure the weight of each member in (kg) using a weighing machine and answer the following.
- Who is the tallest member of your group?
- Who is the shortest member of your group?
- What is the maximum weight measure in your group?
- What is the minimum weight measure in your group?

Science

My Science Book – 4 (Sunflower Publishers)

Term – 1st

- Making Food
- The Solar System
- Always Being Safe
- Living and growing differently.
- The Earth's seasons.
- Growing up in the Animal World.
- Clothes
- Work, force and energy

Activities:

- Experiment to show that green leaves contain starch.
- Experiment to show that sunlight is required for photosynthesis
- Draw a diagram showing the earth's core, mantle and crust.
- List all the things you would keep in a First aid box in your home.
- Experiment to show that how evaporation cools the surrounding.
- Which animals are found in rain forests?
- What are 'geysers'? In which countries can you see them?

- Choose a country on or very near the equator. Find out about its (a) climate (b) crops.
- Choose one land and one water animal. Collect information and pictures to show where these animals lay eggs, or give birth to their young ones. Why do they choose this place?
- Muslin is a very fine cotton cloth that has many uses other than clothing. Find out more about this cloth, its history and its uses.
- Make five energy flow charts using pictures.

Term – 2nd

- Survival and safety.
- How weather changes
- Nutrition and food.
- Strong healthy teeth.
- Keeping water clean.

Activities:

- Name some animals that are not allowed to be hunted in India. They are called protected animals. Paste their pictures on your scrap book.
- What is a glacier? Where are glaciers found? Why are they melting faster than before? What can this lead to?
- Collect tins or refill packs of different foods. Write their contents in tabular form and find out which one has the most minerals, vitamins and the highest content of carbohydrates.
- Collect information on the teeth of different animals. Try and get pictures or make their drawing.
- Collect different pictures describing water pollution and paste them on your scrap book. And write about them.

Social-Science

Milestones – 4 (Madhuban)

Term – 1st

Text:

- Our Country India
- The Northern Mountains
- Northern Plains
- The Great Indian Deserts
- Water Resources
- Mineral Resources
- Our Rights and Duties
- What would we do without them?
- Coastal Plains and Islands

Activity:

- *Prepare a project on how we can clean our polluted rivers.*
- *Make a chart on the causes of water pollution and the methods for preventing water pollution.*
- *Make a model of small mountain and show forests, wild animal rivers,, snow on it.*
- *Collect pictures of waterfalls, tea gardens and Iron mines. Paste them in your scrap book.*
- *Conduct a debate in your class on the topic 'Rights Versus Duties'.*
- *Make a map of your colony / area showing the location of your house using all four components of a map language to illustrate your map.*

Term – 2nd**Text:**

- Climate
- Soils of India
- Agriculture
- Industry
- Our Green Umbrellas
- The Southern Plateau
- Transport
- National Symbols

Activity:

- *Create a corner on various means of transport and communication in the class. Divide the class into 3-4 groups. Each group should collect information, pictures, photographs, diagrams maps etc on different means of transport and communication and put up posters and models etc in the corner.*
- *On the outline map of India show and colour different types of soils.*
- *Visit a cottage Industry in your area where you live and note what do they produce, how they produce and what raw materials they use.*
- *Debate on "Conservation of soil and forests".*
- *Collect pictures of the National Symbols and paste them in your scrapbook.*
- *Find out about any recent cyclones that occurred.*

Islamiyat

Islamic Studies –4(Cordova)

Term – 1st

- Asma-ul-Husna
- Iman-Faith and belief
- Prayer
- Congregational prayer
- The Glorious Qur'an
- Daily life
- Supplications
- Revision of supplications
- Haram in Islam
- Daily life

Term – 2nd

- Life of Prophet^(SAW) (Part-I and Part-II)
- Text : The story of Prophet Yunus^(AS)
- Umar^(RA)
- Hadith
- Revision of Surahs
- Memorize the Quran

Drawing

Spiff – 4(Trend Setters)

Term – 1st

- Santa Claus
- Fruit
- Face Drawing
- Ice-Cream
- Join the Dots
- Lotus
- Patterns
- Flower Pot
- Chimpoo
- Shepherd
- Robot
- Birthday Cake
- Save Trees
- Peacock
- Photo Frame
- Sunflower
- Paper Folding
- Pastel Colouring
- Story Time

Term – 2nd

- Puzzle-Duzzle
- Animals Faces
- On the Moon
- Butterfly
- Matchstick Pasting
- How to Draw Face
- Astronaut
- Sketch Dots
- Scenery
- Lady Finger Impression
- Dog's Bone
- Colouring Time
- Cross Stitch
- Human Actions
- Aquarium
- Paper Folding
- The Mask
- Blank

Computer Science

IT Application – 4 (KIPS Publishing World)

Term – 1st

Theory:-

- Input and Output Devices
- Memory and Storage

Practical:-

- Microsoft PowerPoint 2007
- Editing Text in MS-Word 2007
- Formatting a document
- Working with Windows 7.

Term – 2nd

Theory:-

- Internet

Practical:-

- LOGO Commands
- Writing Procedures
- Tux Paint

PSA

(Know Your Aptitude –4)Goyal Brothers

Term – 1st

Text: Page No. 1 to 25

- | | |
|------------------|---------------|
| • Analogy | • Ranking |
| • Series | • Patterns |
| • Classification | • Puzzle Time |
| • Alphabet Test | |

Term – 2nd

Text: Page No. 26 to 50

- | | |
|--------------------|---------------------------|
| • Patterns | • Mirror Images |
| • Classification | • Clocks |
| • Figure Matrix | • Ages |
| • Embedded Figures | • Numbers |
| • Fractions | • Mathematical Operations |

Kashmiri

(Kashir Kitab - 3) Peace Publications

Term - 1st

سبق نمبر:

(۱-۵)

(۱) سوال جواب :- (۲) خالی جالیہ پُرُو؛ (۳) شکلہ پاءِ ز* ووتہ لیکھوتہند* و؛

(۴) واُحد/جمع؛ (۵) اچھررلا وِتھ بناؤ ولفظ؛

(۶) آواز تہ آواز نہ (آواز: ۱-۹)

زبانی: (۱) *نٹکاثر پڑژھ (۲) کاثر دِلپہ۔

Term - 2nd

سبق نمبر: (۶-۱۰)

(۱) سوال جواب؛ (۲) خالی جالیہ پُرُو؛ (۳) بہن رتہن ہند* و لیکھو؛

(۴) اچھررلا وِتھ بناؤ ولفظ؛ (۵) دوہن ہند* و لیکھو

(۶) آواز تہ آواز نہ (آواز نمبر: ۱۰-۱۸)؛ (۷) گنتی (۱-۲۰)

زبانی: (۱) *نٹکاثر پڑژھ (۲) کاثر دِلپہ۔

Hindi

Tarangni Part – I (Learning Links)

Term – 1st

- तीन अक्षरों से बने शब्द
- चार अक्षरों से बने शब्द

Term – 2nd

- मात्राएँ
- छोटे वाक्य

میقات اول:-

نثری اسباق:- راجوری سے ایک خط ، پن کوڈ ، بندروں کا فاقہ ، موبائل فون ، چاند
نظمیں:- آرزو ، دلی اب کچھ دُور نہیں ہے۔

پیرا گراف:- ایمانداری ، حمد ، چنار

مضامین:- موبائل فون ، چاند ، میرا وطن
خطوط:- پرنسپل کے نام ایکسکریشن کی اجازت کے لئے درخواست۔

پرنسپل کے نام فیس معاف کرنے کی درخواست۔

گرائمر:- معنوں کے لحاظ سے اسم کی قسمیں۔ اسم معرفہ اور اسم نکرہ کی وضاحت مع مثالیں۔

"ب" سے شروع ہونے والے دس محاورات کے معنی اور جملے۔

دس دس حیوانات ، نباتات اور جمادات کے نام لکھئے۔

مندرجہ ذیل الفاظ کے "اسم صوت" لکھئے۔

پانی ، ہوا ، گھڑی ، چڑیا ، بلی ، کوا ، مرغ ، کونل ، طوطا

میقات دوم

نثری اسباق:- کشمیر میں پہلی ریل گاڑی ، کھیل ، ابوالکلام آزاد ، گلوبل وارمنگ ،

دودھ کا دودھ ، پانی کا پانی

نظمیں:- ہمدردی ، میں تمہاری کتاب ہوں

پیرا گراف:- ہمدردی ، میری اُردو کتاب ، دودھ والا

مضامین:- کھیلوں کے فائدے ، ابوالکلام آزاد ، گلوبل وارمنگ

خطوط:- دوست کو امتحان میں کامیاب ہونے پر مبارکبادی کا خط۔

چھوٹے بھائی کے نام پڑھائی کی طرف دھیان دینے کے لئے نصیحتی خط۔

گرائمر:- اسم معرفہ کی قسمیں۔ اسم علم ، اسم ضمیر ، اشارہ اور اسم موصول کی وضاحت مع مثال۔

مذکر مؤنث / واحد جمع / جمع الجمع ، مترادف اور متضاد الفاظ ، سابقہ اور لاحقہ

General Instructions:

U₁ test shall be held in April, the U₂ test shall be held in June and the U₃ test shall be held in September. The 1st Semester Examination shall be held in July 2016 and 2nd Semester Examination will be held in November 2016. Unit Test, (I), (II) and (III) carries 10% of Marks each. 1st Semester carries 30% of Marks and 2nd Semester carries 40% of Marks. Besides testing the scholastic areas, the child would also be checked for co-scholastic areas like attentiveness, imagination, participation in programmes, games, communication, co-operation, team spirit, leadership qualities, sharing and his/her attitude towards teachers, school, value systems, cleanliness etc. The evaluation will be done on a grading system

Grading System

Marks Range	Grade	Grade Point
91 – 100	A ₁	10.0
81 – 90	A ₂	9.0
71 – 80	B ₁	8.0
61 – 70	B ₂	7.0
51 – 60	C ₁	6.0
41 – 50	C ₂	5.0
33 – 40	D	4.0
21 – 32	E ₁	3.2
00 – 20	E ₂	2.0