

Estd. 1991

Phone No.: 2402606

GREEN VALLEY

EDUCATIONAL INSTITUTE

(An Alma-mater of Mental and Physical Development)



SYLLABUS FOR 5th STANDARD SESSION 2015 – 2016

Name of the Student:

Roll No.: _____

Section: _____

Ellahi-Bagh, Buchpora, Srinagar, Kashmir.

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English

Pearls – 5 (*Future Kids*)

Term – 1st

A : Text

- The Lemon and His Army
- Fuels: Sources of Energy
- Abhimanyu
- Merry – Making
- The Land of Islands

B : Poetry

- All that is not given is Lost
- Soldiers Going to the War
- The North Wind Doth Blow

C : Grammar:

- Simple Past
- Relative Clauses
- Paragraph Writing

D : Language Work:

- **Grammar (LOG)** (*Language Oriented Grammar*)
 - Present Perfect
 - Past Perfect
 - Future Perfect
 - Passive (Past Simple and Future Simple only)
- **Spoken English**
 - Past Reminiscences
 - Role Plays (In accordance with the instructions from HOD English)

Term – 2nd

A : Text

- Inventions by Chance
- An Alien Planet
- The Mad Tea Party
- Blind Greed

B : Poetry

- Why
- Abou Ben Adhem

C : Grammar:

- Word Opposites
- Prepositions
- Adverbs
- Letter Writing

D : Language Work:

- **Grammar (LOG)** (*Language Oriented Grammar*)
 - All Pure Modals
 - Selected Words (Words to be received from HOD English)
- **Spoken English**
 - Social Identities
 - Group Discussions (Topics to be received from HOD English)

Mathematics

(Joy of Mathematics – 5) Frank brothers

Term—1st

- Larger Numbers.
- Forming Numbers.
- Roman Numerals.
- Factors and Multiples.
- Fractions.
- Decimals.
- Simplification.
- Bills
- Average.
- Ratio and Proportion.

Activities: Maths Lab Activity/Worksheet

Term — 2nd

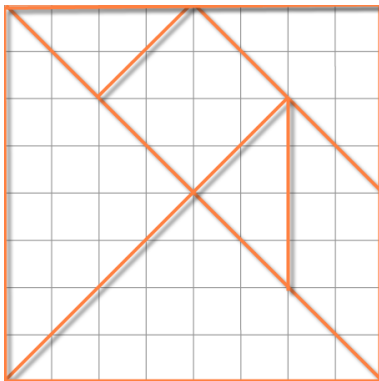
- Simple Interest
- Profit and Loss

- Percentage
- Speed
- Time Table.
- Temperature.
- Pictorial Representation.
- Geometry
- Area
- Volume.
- Revision Test.

Activities: *Maths Lab Activity/Worksheet*

Maths Activity

Activity 1: To make a set of tangrams by paper folding using 8x8 grid.



Using the tangram pieces do the following:

- Try to make a triangle, a square and a rectangle using 2 pieces of the tangram set.
- Try to make a triangle, a square and a rectangle using 3 pieces of the tangram set.
- Calculate the area of each part by counting complete squares and half squares.

Activity 2: (a) To make closed geometrical shapes using:

- 3 match sticks
- 4 match sticks
- 5 match sticks
- 6 match sticks

(b) To observe the change in angles between any two adjacent match sticks.

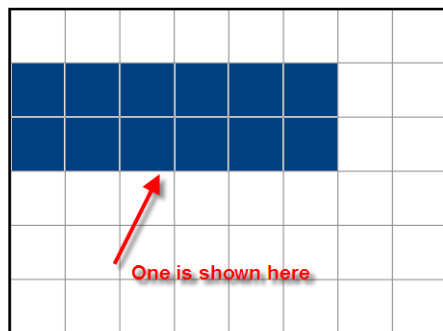
Activity 3: (a) To identify a right angle, angle less than a right angle and angle more than a right angle using body parts and to draw them using stick drawings.

(b) Write the word mathematics using straight lines and observe the number of right angles, number of angles more than a right angle and number of angles less than a right angle.

Activity 4: To observe hands a clock at different time in a day and record four observations each of the following

- (a) right angle between hands of the clock
- (b) angle less than a right angle between hands of the clock.
- (c) angle more than a right angle between hands of the clock.

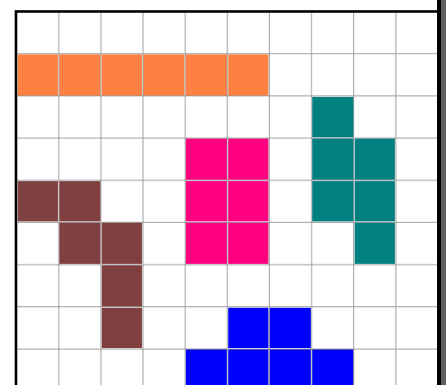
Activity 5: (a) To make rectangles of different dimensions on a squared paper using 12 adjacent squares.



- (b) To calculate the perimeter and area of each of the rectangles so formed.
- (c) To observe the fact that shapes having same area may have different perimeter.
- (d) To observe the relation between dimensions of rectangles and the
a. factors of 12.

Activity 5: To calculate the perimeter of different shapes formed by shading six adjacent squares of dimension 1 cm each on a squared paper.

Some shapes are shown below



Activity 6: (a) To represent the fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$ etc. using rectangular strips of papers by paper folding.

(b) To represent the fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, $\frac{3}{8}$, $\frac{5}{8}$ etc. of a circular region by paper folding.

Activity 7: To find the lines of symmetry in the following shapes by paper folding

- i) a square
- ii) a rectangle

Science

(My Science Book - 5) Sunflower Publishers

Unit — I

- How Plants Reproduce.
- The Universe
- Animals Habitat and Adaptation.

Project Work:

- Find pictures of machines that are used in agricultures today. Write about their functions.
- Make a poster on the need to save wildlife.
- How the moon (a small object) hide the sun (a bigger object)

Unit — II

- Matter and Molecules.
- Body System
- Respiratory System.

Project Work:

- Explain the separation of a solute from a saturated solution on cooling.
- Is the rate of breathing in all human beings same?

Term — 1st (T₁)

- Bones, Muscles and Movement.
- Atmosphere.

Project:

- What would a human body be like without bones?
- What causes tornadoes and hurricanes?

Unit — III

- Work, Force and Energy.
- Nervous System.

Project Work:

- Find pictures of simple machines that are used in our day to day life.
- When we saw a snake, our heart starts beating faster and we run quickly. Now convert all our actions to our brain, and name the part of the brain that was working for each of our actions.

Term 2nd (T₂)

- Nutrition and Diseases
- Soil Erosion and Conservation
- Keeping Water Clean

Project Work:

- Make a list of vaccines you have had so far.
- Name the most abundant metal found in India. Where is it found?
- Draw a method through which you can separate salt from a salt water solution.

Social-Science

(Milestones - 5) Madhuban

Term – 1st

- Our Amazing Planet – Earth
- Grids on Earth
- Rotation and Revolution
- Reaching for the skies
- Hot or Cold
- Land of Midnight Sun
- Live in Harmony
- The British in India

Activity:

- Outline Maps
- Activities from the book
- Picture Collection
- Collage Making
- Chart Making
- Life Skills
 - Make a list of social reformers and briefly write their contribution.
 - Debate on the “Advantages and disadvantages of the Internet”.

Term – 2nd

- Freedom of India.
- The Moody Earth
- From One End to The Other
- Grasslands
- The Indian Government
- Let’s Make Peace not War
- Land of Hot Sands
- From Cave Drawing to the Web

Activities:

- Group Activities
- Class Skit
- Creative Posters with Slogans
- Chart Making
- Debate on “Current Wars and Violence”.
- Quiz Competition
- Field Tour
- Allocation Assessment

Computer Science

(IT Applications – 5)(KIPS)

Term – 1st

Theory:

- Evolution of Computer
- Software and its Types

Practical:

- Microsoft PowerPoint 2007
- Slide Organization in PowerPoint
- Formatting a Presentation
- Algorithm and Flowcharts

Term – 2nd

Theory:

- Internet and E-mail

Practical:

- More on Microsoft Word 2007
- Working with styles and objects
- Working with tables
- Microsoft Excel 2007
- Windows 7

Drawing

(Spiff – 5) Trend Setters

Term – 1st

- | | |
|-------------------|------------------------|
| ● Joker. | ● Scenery (to compare) |
| ● Story Time | ● Scenery (to do) |
| ● Object Drawing | ● Birthday cake |
| ● Patterns | ● Paper Folding |
| ● Pencil Shading | ● Boat Making |
| ● Figure Drawing. | ● Paper Collage |
| ● Slogan Writing | ● Mosaic printing |

- Difference
- Bird
- Scenery (to compare)
- Tracing
- Rangoli
- Pattern design

Term – 2nd

- Thread Painting
- Pineapple
- Honeybees and flowers.
- Join the dots
- Flowers
- Design in style (to do)
- Traffic signals
- Quiz Time
- Colours
- Rainbow
- Elephant
- Diwali
- Potato Painting
- Pastel Sheet
- Join the dots
- Paper folding
- The Mask
- Blank

PSA

(Know Your Aptitude – 5)Goyal

Term -1st

Page No. 1 to 30

- Classification
- Patterns
- Ranking
- Puzzle Time
- Analogy
- Series
- Code messages
- Sequencing
- Alphabet test

G.K Exercises would be pro-vided in the class.

Aptitude test 1 – 5.

Term – 2nd

Page No. 31 to 57

- Mirror image
- Shading parts of figures
- Lines and points
- Ages
- Numbers
- Mathematical Operations
- Fractions

- Designs
- Cubes and Cuboids
- Completing figures
- Embedded Figures

G.K Exercises would be provided in the class

Apptitude Test 6 – 10

HINDI

(Lakshya - 2) Sapphire

Term – I

वर्ण पहचान

स्वर

व्यंजन . .

दो अक्षर वाले शब्द

तीन अक्षर वाले शब्द.

चार अक्षर वाले शब्द.

Term – II

मात्राएँ

अं अः ँ का प्रयोग.

रेफ़ और पदेन का प्रयोग (ँ) , (ॅ) , (ं)

المیقات اولی Term – I

- 1 الدرسُ الأول هَذَا
- 2 الدرسُ الثانی مَا هَذَا؟
- 3 الدرسُ الثالث ذَلِكَ
- 4 الدرسُ الرابع مَا ذَلِكَ؟
- 5 الدرسُ الخامس أَهَذَا؟
- 6 الدرسُ السادس مَنْ؟

قواعد العربية:

الاسماء الاشارة للقريب

الاسماء الاشارة للبعيد

المیقات الثانیة Term – II

- 1 الدَّرْسُ السَّابِعُ هَذِهِ
- 2 الدَّرْسُ الثَّامِنُ مَا هَذِهِ؟
- 3 الدَّرْسُ التَّاسِعُ تِلْكَ
- 4 الدَّرْسُ العَاشِرُ مَا تِلْكَ ؟
- 5 الدَّرْسُ الخَامِسُ أَهَذِهِ؟
- 6 الدَّرْسُ الثَّانِي عَشَرَ مَنْ؟

قواعد العربیة:

تعریف اسماء الاستفهام

وحروف الحارة

Term - 1st

دعا؛ حضرت محمدؐ پٺی پٺی کام؛ لوکے موکے تارکو؛

شور؛ ٹیلی فون، سو نچنے مہ سا کر وگتھ؛

گزائر؛ واحد جمع؛ مذکر موٹ؛ گزند (اکھ - تڑہ)

جسمہ کین انگن ہند ناو؛ ستن دوہن ہند ناو۔

مضمون؛ میاں ذاتھ؛

Term - 2nd

عذتہ صحت۔ سمت یا دتھاو، گاندھی جی؛

گزائر؛ ناؤت مباؤت، گزند (اکہ تڑہ - پتڑاہ)

واحد جمع، مذکر موٹ؛ لفظ متضاد

پاتون لپڈرن ہند ناو

درخواست؛ اکہ دوچہ چھٹی باپتھ پر نسل صائبس در خواست لیکھن۔

مضمون؛ میون سو کول،

میقات اول

نثری اسباق:- مغل روڈ - چائے - ہاتھی تولنا - ایڈیسن - عقلمند ہرن - حکمت علمی
نظمیں:- بچہ کی دُعا - سویرے سیر کو جائیں
مضامین:- ایڈیسن - بر فباری - ہاتھی
پیرا گراف:- چائے - حمد - صبح کی سیر
خطوط:- ہیلتھ افسر کے نام درخواست میں اپنے علاقے میں کتوں کی بھرمار کی شکایت کریں۔
چاچا کے نام ایک خط لکھ کر سا لگرہ پر ان کے بھیجے ہوئے تحفے کا شکریہ ادا کریں۔
گرامر:- اسم نکرہ کی قسمیں۔

اسم ذات، اسم مصدر اور حاصل مصدر کی وضاحت مع مثالیں۔
ہم آواز الفاظ / سابقے اور لاحقے / مرکبات

میقات دوم

نثری اسباق:- مچھیرے کی شکست - بابا مقناطیس - یوم اساتذہ - شہد کا مکھی - رکشائبندھن
نظمیں:- بچہ اور جگنو - میں کیا بنوں گا
مضامین:- یوم اساتذہ - شہد کی مکھی - جھیل ڈل
پیرا گراف:- مقناطیس - ہمدردی - میری بہن
خطوط:- کتب فروش کے نام خط میں چند کتابیں بذریعہ ڈاک بھیجنے کی گزارش کریں۔
پرنسپل کے نام اسکول لائبریری میں کچھ ادبی کتابیں رکھنے کی گزارش کے لئے درخواست۔
گرامر:- اسم فاعل - اسم مفعول - اسم معاوضہ - اسم حالیہ اور اسم جمع کی وضاحت مع مثالیں۔
متضاد الفاظ / مترادف الفاظ / سابقے اور لاحقے

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