

*Estd. 1991*

*Phone No.: 2402606*

# GREEN VALLEY

## EDUCATIONAL INSTITUTE

(An Alma-mater of mental and Physical Development)



SYLLABUS FOR 6<sup>th</sup> STANDARD  
SESSION 2015

Name of the Student: \_\_\_\_\_

Roll No.: \_\_\_\_\_ Section: \_\_\_\_\_ Session: \_\_\_\_\_

Ellahi-Bagh, Buchpora, Srinagar, Kashmir.

[www.greenvalleykashmir.com](http://www.greenvalleykashmir.com)

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# ENGLISH

Pearls – 6 (*Future Kids*)

## Term 1<sup>st</sup>:

### **A : Reading:**

- Will Pandas Disappear
- One Evening with Illinois
- Meet Darshee /Swfani

### **B : Poem:**

- The Deer and the Hunter.
- An Earthquake
- I do not want to be a Fish
- Why is the world like it is?

### **C : Writing:**

- Dialogue Writing
- Advertising
- E-mail Writing
- Story Writing

### **D : Grammar:**

- Introduction to Verbs
- Tenses (Present Simple , Past Simple and Future Simple)
- Prefixes and Suffixes
- Adverbs
- Adjectives

### **E : Language Work:**

- Grammar (LOG)(*Language Oriented Grammar*)
  - Present Simple
  - Present Stative
  - Past Simple
  - Past Stative
- Spoken English Activities:
  - Personal Introduction
  - Daily Exploration
  - Past Exploration

## Term 2<sup>nd</sup>

### **A : Reading:**

- London Eye
- Crusaders

### **B : Poem:**

- Kindness
- Going Green

### **C : Writing:**

- Letter Writing (Formal)
- Invitations (Formal)
- Picture Composition

### **D : Grammar:**

(1)

- Present progressive
- Past Progressive
- Future Progressive
- Present Perfect – Past Perfect / Future perfect.

(2)

- Idioms and Phrases

(3)

- Character Sketches

### **E : Language Work:**

- **Grammar (LOG) (Language Oriented Grammar)**

- Present Continuous
- Past Continuous
- Present / Past Perfect
- Pure Modals

- **Spoken English**

- Present Continuous Activities
- Past Reminiscences
- Social Identities

*Teachers are instructed not to skip certain specific elements of the lessons in the syllabus.*

*The elements are as under:*

- Respond and Reflect
- Learn New Words
- Speech Function
- Speak Well
- Write Better
- Discussion

# MATHEMATICS

(Mathematics- 6)

(Bharti Bhawan)

## Unit – I

- Number System
- Factors and Multiples
- Whole Numbers
- Integers

## Unit – II

- Fractions
- Simplifications
- Algebraic Expression
- Polygons

## Term – 1<sup>st</sup>

- Decimals
- Parallel lines
- Angles and their measurement
- Constructions

## Unit – III

- Linear Equation in one variable
- Quadrilaterals
- Data Handling
- Bar Graph

## Term – 2<sup>nd</sup>

- Ratio, Proportion and Unitary method
- Circles
- Concept of Perimeter and Area
- Triangles

# SCIENCE

## Term – 1<sup>st</sup>

**Topic: Matter and its Nature**

**Activity:**

- States of Matter

- Models of Building Block of Matter

***Lab:***

- Boiling Point
- Melting Point
- Condensation
- Physical and Chemical Change

***Presentation:***

- Prepare an explanation on atom or Pramano which was given by Indian Philosopher Kanad and Dalton.

**Topic: Food**

***Activity:***

- Find out about the main food items eaten by people in different regions of India and prepare a state wise list.

***Lab:***

- Test the presence of fat and protein in a given food sample.

***Presentation:***

- Ill effect of excessive eating of food, fast food and chewing gum.

***Assignment:***

- Make a list of 20 food items that we obtain from parts of plant.

**Topic: Magnetism**

***Activity:***

- Pile of pins with Bar Magnet.
- Find out direction by using a piece of magnet.

***Lab:***

- Magnetic effect of electricity.

***Presentation:***

- Find out the work of Hans Christian on Electromagnetism.

***Assignment:***

- Role of Magnet in electronic world and house holding items.

**Topic: Classification of Material**

***Activity:***

- Using classification to keep your classroom neat and functional.

**Lab:**

- Collect some solid and liquid materials. Record your observation during dissolving them in water.

**Presentation:**

- Make a presentation on the properties of matter. Select any five properties.

**Assignment:**

- Make a list of food items, ingredients and sources of your food.

**Topic: Electric Circuits****Activity:**

- Using of electricity to make a magnet.

**Lab:**

- How to make Electric Circuits.
- How to make switch.

**Presentation:**

- Make a presentation on the life of famous scientist Thomas Alva Edison and his contribution in the field of electricity, also point out his childhood and early life, honors and awards given to Edison.

**Assignment:**

- Find out the name of the semiconductor that is most commonly used in making electric devices and how solar cells are made from semi conductors.

**Topic: Living and Non –Living Things****Activity:**

- Compare living and non – living things and listing out the differences between them.

**Lab:**

- See onion cells under microscope.

**Presentation:**

- Different kinds of organism in our surroundings and their species.

**Assignment:**

- Explain, how do living things grow? Some non living things also grow. How is their growth different from the growth of living things?

**Topic: Separation of Mixture**

**Activity:**

- To separate a mixture of water and mud by filtration.

**Lab:**

- Making an emulsion by using cooking oil, water and detergent.

**Presentation:**

- Chromatography as a method of separation.

**Assignment:**

- Francis Aston his life and work.

**Topic: Light**

**Activity:**

- Straight line path of light.

**Lab:**

- Reflection of light.

**Presentation:**

- A Pinhole Camera

**Assignment:**

- Find out which 5 star is nearest to the earth apart from Sun. How long does light take to reach from those stars.

**Topic: Habitat and Adaptation**

**Activity:**

- Plant adaptation in different habitats.

**Presentation:**

- Various eco systems of the world and their different aspects.

**Assignment:**

- Observe the difference between Plant and Animals found in a garden or ponds and around your home, make a detailed assessment of these differences.

**Term – 2<sup>nd</sup>**

**Topic: Motion**

**Lab:**

- Periodic motion with an example of pendulum clock.

**Presentation:**

- Different types of motions with images and examples.

**Assignment:**

- Make an assessment of different types of motions undergoes at the same time.

## **Topic: Flowering Plants**

### ***Lab:***

- Observe different parts of flower.

### ***Presentation:***

- Find out the functions of leaves, performed in making food, giving support and protecting the plant.

### ***Assignment:***

- Life and work of J.C Bose.

## **Topic: Water**

### ***Lab:***

- Effect of water on plant growth.

### ***Presentation:***

- Drought its cause and consequences. Mention the drought prone areas in India.

### ***Assignment:***

- Rooftop rainwater harvesting.

## **Topic: Study of Change**

### ***Activity:***

- To classify and study some reversible and irreversible changes.

### ***Lab:***

- To see the reaction between washing soda and lime juice.

### ***Presentation:***

- Rusting of iron nails.

### ***Assignment:***

- Give the brief explanation about changes around us.

## **Topic: Measurement**

### ***Presentation:***

- Find out the various methods that we use in our day to day life.

### ***Assignment:***

- Why it is important to measure the different lengths by using standard units.



## **Topic: Movement of the Body**

### ***Lab:***

- Observe the human skeleton system by using chart and skeletal system.

### ***Presentation:***

- List out 206 bones of human skeleton by chart model.

### ***Assignment:***

- As we get older, our joints do not work that well, why.

## **Topic: Air**

### ***Activity:***

- To show that air occupies space and exert pressure in our surrounding things.

### ***Presentation:***

- Presence of air in soil and oxygen in water.

### ***Assignment:***

- Find out how the following breath; Earth worm, Cockroach and Tadpole.

## **SOCIAL – SCIENCE**

*(Go for Social Science)*

### **Term – 1<sup>st</sup>**

#### **History:**

- Looking into The Past
- The Early Man
- Life in Neolithic Age
- Indus Valley Civilization
- The Vedas and other Sources
- Mahajanapadas (Deleted)

#### **Civics:**

- Diversity
- Diversity and Discrimination
- Government
- Key Elements of Democratic Government

#### **Geography:**

- The Earth and the Solar System
- Latitudes and Longitudes
- Motions of the Earth

- Maps

**Activities:**

***Book related activities: Group Discussions; Assignments***

**Term – 2<sup>nd</sup>**

**History:**

- Buddhism and Jainism
- The Mauryan Empire
- The Guptas and other Rulers
- Great Works of Art and Science

**Civics:**

- Local Govt. and Administration
- Rural Administration
- Urban Administration

**Geography:**

- Major Domains of the Earth
- Major Landforms of Earth
- Our Country -India
- India – Climate, Vegetation, Wildlife

**Activities:**

***Book related activities: Group Discussions; Assignments***

**ARABIC**

**Term – 1<sup>st</sup>**

الدَّرْسُ الاول ..... الإسم

الدَّرْسُ الثَّانِي ..... الاسم النِّكرة والمعرفة

الدَّرْسُ الثَّالِث ..... الحروف القمرية والشمسية

الدَّرْسُ الرَّابِع ..... الحروف، الجمل، الجملة

متعلقات دين ..... متعلقات دين

الدَّرْسُ السَّادِس ..... هُوَ لَاء

الدَّرْسُ السَّابِع ..... أَوْلَئِكَ

متعلقات دين ..... متعلقات دين

الدَّرْسُ الثَّامِن ..... الفواكه

**Term – 2<sup>nd</sup>**

# Computer Science

( )  
( )

## Term – 1st

### *Theory:*

- Computer Language
- More on Windows 7

### *Practical:*

- Using Mail Merge
- Microsoft PowerPoint 2007
- Animation Text and Object.
- Microsoft Excel 2007.

## Term – 2<sup>nd</sup>

### *Theory:*

- Surfing Internet.

### *Practical:*

- Editing A worksheet
- Introduction to QBASIC
- QBASIC Statements.

## **Kashmiri**

### Term – 1<sup>st</sup>

دُعا ، واحد جمع ، مذکرمونث ، لفظ متضاد

نسل دبد ، ھېنہ چپڑا داب

# **Drawing**

*(The Crafty Bug-6)*  
*(Good Luck Publishers Limited)*

## **Term – 1<sup>st</sup>**

- Visual Art and Drawing.
- What are Visual Elements and Visual Effects?
  - Line and Shapes.
  - Colour.
  - Relative Positioning of Objects.
  - Texture and Space.
- Pencil drawing and Shading and Contour Line Drawing.

- Basic Shapes and object drawing.
- Drawing Objects through a Grid.
- How to draw a Bird, a tweety bird, a red Fox, leaves, flower (Rose), trees, fruits and Cartoon ( Tiger, Flower and trees)

### **Term – 2<sup>nd</sup>**

- How to draw Cartoon (Fruits, Vegetables), Pumpkin pleasurable, Vehicles, Big Ben, Taj Mahal.
- Painting and Cave Painting.
- Warli Art, Rangoli Art, Photography and Computer Art, Craft Art (Beautiful Leaves Coasters).
- Easy Origami – Let us make a Pelican.
- Make a Greeting Card, Notebook Holder, Paper bag Owl Craft.
- Spray Painting using a Toothbrush.
- Mehendi Design, Flower Vase.

**PSA**

*(Talent Hunt -6)*

### **Term – 1<sup>st</sup>**

Classification; Patterns; Analogy; Series; Missing numbers; Mirror Images; Ranking; Rotating Dice.

**Activity:** Aptitude Tests ; G.K. Updates

### **Term – 2<sup>nd</sup>**

Problems on Ages; Blood Relations; Smallest/Greatest Numbers; Direction Test; Mathematical Operations; Count the squares; Quick Multiplication; Data Analysis; Bar Charts; Pie Charts; Line Graph.

**Activity:** Aptitude Tests ; G.K. Updates

میقات اول:

نثری اسباق:- ایک مثالی واقعہ ، دو لٹیرے ، لوئی پاسچر ،  
 ہم کیا کھائیں ، سیر پہلے درویش کی ، دست گیری  
 نظمیں:- جو دیا اے خدا دیا تو نے ، یہ دنیا کس کی دنیا ہے  
 پیرا گراف:- ہماری غذا ، سائنس کے فائدے ، داستاں گوئی  
 مضامین:- مرزا داغ ، لوئی پاسچر ، ڈپٹی نذیر احمد  
 خطوط:- اپنے دوست کو خط میں اسکول میں منائی گئی تقریب "گاندھی جینتی" کا حال لکھئے۔  
 چھوٹے بھائی کو میٹرک کے امتحان میں اول آنے پر مبارک بادی کا خط لکھئے۔  
 والد کے نام خط لکھ کر کتابوں اور وردی کے لئے روپے طلب کریں۔  
 گرائمر:- اسم ذات کی قسمیں  
 اسم تصغیر ، اسم کبتر ، اسم آلہ ،  
 اسم ظرف اور اسم جمع کی وضاحت مع مثالیں  
 شعر، مصرعہ۔ مطلع اور مقطع کی وضاحت مع مثالیں۔  
 واحد جمع، مذکر مؤنث، متضاد الفاظ

میقات دوم:

نثری اسباق:- چیونٹی کی باتیں ، علم کا شوق ، ڈاکٹر علی جان  
گاندھی جی کی باتیں ، اف! یہ سگریٹ نوشی ، سورج ایک عالمی چراغ  
نظمیں:- دعوت نامہ ، بجلی کے کرشمے  
پیرا گراف:- ہمدردی ، گاندھی جی ، فرحت اللہ بیگ  
مضامین:- بجلی کی ایجاد ، طالب علم کے فرائض ، ڈاکٹر علی جان  
خطوط:- لاوارث بچے کے ملنے کی رپورٹ پولیس تھانے میں درج کریں۔  
چیرمین جج کمیٹی کی طرف سے حاجیوں کے لئے "اطلاع عام" کے عنوان سے  
اشتہار لکھئے۔

زیورات چرانے والے چور کا پتہ دینے والے کے لئے اخباری اشتہار میں انعام کا  
اعلان کیجئے۔

گرامر:- مصدر کی قسمیں

بناوٹ کی رُو سے مصدر وضعی یا اصلی اور مصدر غیر وضعی یا جعلی  
کمی بیشی کی رُو سے مصدر مجرد اور مصدر مزید فیہ۔  
تشبیہ کی تعریف مع مثالیں۔

دس مختلف محاروں کا جملوں میں استعمال

### General Instructions:

U<sub>1</sub> test shall be held in April, the U<sub>2</sub> test shall be held in June and the U<sub>3</sub> test shall be held in September. The 1<sup>st</sup> Semester Examination will be held in July 2015 and 2<sup>nd</sup> Semester Examination will be held in November 2015. Unit Test, (I), (II) and (III) carries 10% of Marks each. 1<sup>st</sup> Semester carries 30% of Marks and 2<sup>nd</sup> 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.

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### **Grading System**

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