

*Estd. 1991*

*Phone No.: 2402606*

# **GREEN VALLEY**

## **EDUCATIONAL INSTITUTE**

(An Alma-mater of Mental and Physical Development)



**SYLLABUS FOR 7<sup>th</sup> STANDARD  
SESSION 2016 - 2017**

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

Roll No.: \_\_\_\_\_

Section: \_\_\_\_\_

Ellahi-Bagh, Buchpora, Srinagar, Kashmir.

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

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# ENGLISH

*Pearls -7 ( FK Publication)*

<b>Unit I</b>		
<b>Lesson:</b> <ul style="list-style-type: none"><li>• The Greenhorn and the Mule Egg</li></ul> <b>D: Grammar:</b> <ul style="list-style-type: none"><li>• All Tenses</li><li>• Simple / compound complex sentences</li><li>• Adverb and its types</li></ul>	<b>Poem:</b> <ul style="list-style-type: none"><li>• Palanquin Bearers</li></ul> Book Work } All content	<b>Spoken English:</b> <b>LOG:</b> <ul style="list-style-type: none"><li>• Present Stative</li></ul> <b>Spoken Activity</b> <ul style="list-style-type: none"><li>• Personal Introduction</li></ul>
<b>Unit II</b>		
<b>Lesson:</b> <ul style="list-style-type: none"><li>• Truth Need Not Be Painful</li></ul> <b>D: Grammar:</b> <ul style="list-style-type: none"><li>• Conversation practices</li><li>• E-mail Writing</li></ul>	<b>Poem:</b> <ul style="list-style-type: none"><li>• The Truth is-Stirless</li></ul> Book Work } All content	<b>Spoken English:</b> <b>LOG:</b> <ul style="list-style-type: none"><li>• Present Simple</li></ul> <b>Spoken Activity</b> <ul style="list-style-type: none"><li>• Daily Exploration</li></ul>
<b>Term I</b>		
<b>Lesson:</b> <ul style="list-style-type: none"><li>• The Counterfeit Lion</li><li>• Reported Speech (Rule 1 &amp; 2 only.)</li><li>• Paragraph Writing</li><li>• Simile / Metaphor</li></ul>	<b>Poem:</b> <ul style="list-style-type: none"><li>• Treehuggers</li></ul> Book Work } All content	<b>Spoken English:</b> <b>LOG:</b> <ul style="list-style-type: none"><li>• Past Stative</li><li>• Past Simple</li></ul> <b>Spoken Activity</b> <ul style="list-style-type: none"><li>• Past Exploration</li></ul>
<b>Teachers Note:</b> Teachers are instructed not to skip certain specific portions of the lessons in the syllabus. The elements are: <ul style="list-style-type: none"><li>• Respond and reflect</li><li>• Learn new words</li><li>• Speech function</li><li>• Speak well</li><li>• Write better</li></ul>		

### Unit III

**Lesson:**

- Exotic Places in India

**D: Grammar:**

- Modal Verbs
- Pure Modal
- Semi - Modals

**Poem:**

- Neurosis

Book Work } All content

**Spoken English:****LOG:**

- Present Continuous
- Past Continuous

**Spoken Activity**

- Present Continuous Activity
- Continuous Activity (Past)

### Term II

**Lessons:**

- You Are the Message
  
- They're made out of Meat.

**Poem:**

- Forgotten Language

Book Work } All content

**Spoken English:****LOG:**

- Past Perfect
- Pure Modals

**Spoken Activity**

- Past Reminiscence
- Social Identities  
*[Of higher standard than in class 6<sup>th</sup>]*

**Activation Method**

- Sir Randolph Quirk's
- Selected Vocabulary

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

- Respond and reflect
- Learn new words
- Speech function
- Speak well
- Write better
- Discussion

# **MATHEMATICS**

## *Mathematics for Class - 7 (Bharti Bhawan)*

### **Unit I**

- Integers
- Fractions
- Collection and Organization of Data.
- Bar Graphs.

### **Unit II**

- Decimals
- Rational Numbers
- Exponents

### **Term – I**

- Linear Equations
- Properties of Parallel Lines
- Algebraic Expressions
- Linear Equations in one Variable

**Activity: Activities related worksheets from the book.**

### **Unit II**

- Ratio and proportion
- Constructions
- Percentage
- Profit and Loss

### **Term – 2<sup>nd</sup>**

- Simple Interest
- Properties of Triangles
- Congruence.
- Mensuration.

**Activity: Activities related worksheets from the book.**

## **SOCIAL SCIENCE**

*(My Wonderful Books of S.Studies - 7)Cardova*

### **Unit I**

#### **History:**

- Medieval India
- Towns, Traders and Craftsmen

#### **Civics:**

- Equality in Indian Democracy

#### **Geography:**

- The Structure of the Earth

### **Unit II**

#### **History:**

- Rise of New Kingdom

#### **Civics:**

- Gender Issues
- Woman Empowerment

#### **Geography:**

- Our Environment

### **Term -1<sup>st</sup>**

#### **History:**

- The Delhi Sultanate
- The Mughal Empire

#### **Civics:**

- The State Government

#### **Geography:**

- Our Changing Earth
- Major Landforms
- Life in the Desert Regions

#### **Activity:**

- Make a family tree tracing the Mughal Dynasty from Babur to Aurengzeb. You can paste it in your portfolio.

- **Project work:** Write an article on the importance of conserving our architectural heritage for the future generations. You can use illustrations and pictures to make your article more interesting.
- **Organize:** Your class has been given the responsibility of organizing “The World Environment Day”. Make plan as to how you would organize it in school.
- **Diary Entry:** Imagine you interviewed your local MLA. Write a diary entry about the discussion you had with him or her about the problems in your locality.
- **Discuss:** Advertising can be used to achieve a social purpose. Do you agree? Why or why not?
- Make a model of Taj Mahal with either clay or play dough. Paint it.

### Unit III

#### **History:**

- Political formations during the eighteenth century

#### **Civics:**

- The Role of Media in Democracy

#### **Geography:**

- Natural Vegetation and Wildlife
- Weather and Climate

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

#### **History:**

- Medieval Architecture
- Devotional Paths and Religious Movements

#### **Civics:**

- Advertising
- Towards Equality

#### **Geography:**

- Water and its Circulation
- The Human Environment – Settlement, Communication and Transport
- Life in the Tropical and Subtropical Regions.

#### **Activity:**

- Use pictures of various weather phenomena, clouds, rain, snow, hailstones, lighting etc. collected from different sources to make a collage. Give

informative captions such as what causes these phenomena, when and where they occur etc.

- Using clay, make a model to show “The Water Cycle”.
- Presentation: Work in groups. Each group should make a slide presentation on any topic related to the Earth, such as the formation of the Earth, the layers of the Earth, the layers of the earth or kinds of rocks found on Earth.
- Problem solving / Decision making: Your city is hit by a sudden earthquake. How would you react? What are the life skills you would need in that situation to save yourself and the people around you? Make a list. Share it with your classmates.
- Project Work: Choose any one tribe of India and do a project or prepare a chart on it.
- Field Trip: Visit a wholesale market and note down your observation about the commodities sold, the kind of traders and the method of exchange. Now write down your observations and compare it with the markets of medieval period.

## **SCIENCE**

*(Basic Science - 7) Bharati Bhawan*

### **Unit - I**

- Obtaining and Utilizing Food.
- Heat

### **Unit - II**

- The Language of Chemistry.
- Time, Motion and Speed.
- Weather, Climate and Adaptations.

### **Term – 1<sup>st</sup>**

- Acids, Bases and Salts.
- Electricity
- Transport and Excretion.

### **Activities:**

- Prepare a chart of 30 elements. Indicate in different colours their symbols, formulae, electronic configuration and their valencies.

- Cover some green leaves of a potted plant by a black paper for 8 days. After that remove the paper and find the difference between these leaves and the remaining leaves of the plant. Mark your observations and write the reasons for the difference.
- Fill the tumblers or cups made of steel, glass, china, paper and plastic with hot water. Hold each in your hand after a few seconds. Do they all become equally hot? If not explain.
- Caustic alkali's corrode glass and some metals like, Aluminum, Zinc, tin and lead. Why?
- Write ten balanced chemical reactions.
- Data can be represented graphically in different ways, but the motion of a body is represented in the form of a line graph. Why?
- Make an electrical circuit passing through a potato, onion, lemon, orange and salt water. Observe if the circuits are working. Write down your observation in different circuits.
- Make a chart showing different components of blood with well decorated diagrams.
- Collect the information about the different soils of Kashmir valley. Also find which types of crops are grown in these soils.

### **Unit - III**

- Respiration in Plants and Animals.
- Changes and Reactions
- Soil

### **Term – 2<sup>nd</sup>**

- Light
- Reproduction in plants.
- Waste Management.

### **Activities:**

- Explain the anomalous property of water.
- Take strips of different metals around you. Find out if they react with water, air and acids by practically keeping them in their contact. Record your observations.



- Prepare a simple model of respiratory system of human beings.
- Experimentally prove that light travels in straight lines.
- Put tags carrying dates on the stalks of two flowers. Keep observing them until they grow into fruits. Tabulate your observations. How many days does it take for the ovaries to develop into fruits?
- Find out how the waste water from your house is carried away. Does the sewage pipe carry only waste water? Where does the rain water from the roof go?

**Computer Science**  
**(IT – Beans -7) KIPS**

**Term – 1st**

**Theory:**

- Number System
- Internet Services

**Practical:**

- Working in Windows 7
- Formulas and Functions
- Using Excel as Database
- Advanced Features in MS – Excel

**Term – 2nd**

**Theory:**

- The Virus

**Practical:**

- Introduction to QBasic
- Conditional Control Statements
- Looping Statements

**Arabic**

*Way to learn Arabic – 3 (Pearl Books)*

Term – 1<sup>st</sup>

الجَوَارُ	الدَّرْسُ الْأَوَّلُ
الجَوَارُ بَيْنَ الطَّالِبِينَ	الدَّرْسُ الثَّانِي
المُبْتَدَأُ وَالْخَبَرُ	الدَّرْسُ الثَّلَاثُ
أَفْعَالُ النَّاقِصَةِ	الدَّرْسُ الرَّابِعُ

Term – 2<sup>nd</sup>

دُعَاءُ سَيِّدِ الْاِسْتِغْفَارِ	مَتَعَلَقَاتُ دِينٍ
الْحُرُوفُ مُشَبَّهَةٌ بِالْفِعْلِ	الدَّرْسُ الْخَامِسُ
كُتُبُ الْأَحَادِيثِ الْمَشْهُورَةِ	مَتَعَلَقَاتُ دِينٍ
حَيَوَانَاتُ الْيَفَّةِ	الدَّرْسُ السَّادِسُ

***Reasoning Aptitude-7 (Blue Orchid)*****Term – 1<sup>st</sup>**

- Analogy (Verbal)
- Series
- Ranking
- Puzzle test
- Classification (Verbal)
- Break the codes
- Problems on Ages
- Blood Relations
  
- Analogy (non-verbal)
- Classification (non - verbal)
- Mirror Images
- Paper Folding
- Missing Letter Puzzle
- Figure Completion
- Idioms and Phrases
- Aptitude test (1 – 3)

**Term – 2<sup>nd</sup>**

- Substitution (Verbal)
- Numbers
- Mathematical Operations
- Ordering of Words
- Problems on Trains
- Problems on H.C.F and L.C.M
- Quick Calculations
- Bar Chart
- Pie Chart
- Table Chart
- Logical Problems
- Aptitude Tests (4 – 6)

## **Drawing**

### *(It's Time to Learn Art-8) Learning Links*

#### **Term – 1<sup>st</sup>**

- Colour wheel with tints and shades
- Warm and cool colours
- Complementary and analogous colours
- Colour perspective
- Oil pastels
- Pencil shading
- Composition – drawing and colouring
- Poster colour – shading
- Tessellation
- Geometric tessellation
- Sketching and shading
- Drawing and shading with pencil
- Let's draw animals
- Colouring wet-vase technique
- Monochromatic painting
- Colouring-dry brush technique
- Van Gogh's the starry night
- Fun time – optical art

#### **Term – 2<sup>nd</sup>**

- Pointillism
- One-point perspective
- Two-point perspective
- Craft with foil paper
- Alpana design
- Motifs-inspired by nature
- Collage
- Tiling-mosaic
- Paper sculpting
- Know the artist-Claude Monet
- Knife painting
- Madhubani art
- Lettering
- Figure drawing
- Let's make a scenery
- Poster making
- Paper sculpting

(Horizon) عملی اُردو-7

یونٹ اول:-

اسباق:- اللہ کے آخری رسولؐ شاہِ ہمدانؒ

نظمیں:- بچے کی دُعا

مضامین:- حضرت محمد ﷺ شاہِ ہمدانؒ

پیرا گراف:- علامہ اقبال

خطوط:- پرنسپل صاحب کے نام ایک دن کی رخصت کی درخواست

گرائمر:- (1) اسم فاعل اور فاعل واسم مفعول اور مفعول میں فرق۔

(2) متضاد الفاظ (3) واحد جمع (4) مذکر مونث

یونٹ دوم:-

اسباق:- پرندے کیا کرتے ہیں بابائے اُردو مولوی عبدالحق

نظمیں:- ایک وقت میں ایک کام

پیرا گراف:- مولوی عبدالحق

گرائمر:- (1) اسم فاعل سماعی اور اسم فاعل قیاسی کی تعریف مع مثالیں۔

میقات اول:-

اسباق:- پودوں کی اقسام آلودگی

نظمیں:- اندھا

مضامین:- ماحول کی آلودگی

خطوط:- دوست کو برف باری کا نظارہ دیکھنے کے لیے کشمیر آنے کا دعوتی خط۔  
گرائمر: (۱) اسم مفعول سماعی و اسم مفعول قیاسی کی تعریف مع مثالیں۔

یونٹ سوم:-

اسباق:- ہیر و شیمہ کی تباہی حکیم لقمان

نظمیں:- ہماری زبان وطن کے مناظر

مضامین:- سائنس کے فائدے و نقصانات

پیرا گراف:- اختر شیرانی

گرائمر (۱) جمع الجمع، ضمیر شخصی کی قسمیں۔

(۲) ضمیر متکلم، غائب اور ضمیر مخاطب کی وضاحت مع مثالیں۔

خطوط:- (۱) امتحان میں کامیابی حاصل کرنے پر دوست کے نام مبارک بادی کا خط۔

میقات دوم:-

اسباق:- سکندر اعظم شاعر کشمیر آداب مجلس و خورد و نوش

نظمیں:- مزدوری کر مزدوری کر

مضامین:- مہجور سکندر اعظم

پیرا گراف:- ہماری زبان اردو حکیم لقمان

گرائمر مصرعہ، شعر، قافیہ اور ردیف کی وضاحت مع مثالیں۔

خطوط:- میونسپل افسر کے نام سڑک کی خستہ حالی کے لئے ایک شکایتی درخواست۔

### Kashmir Syllabus

### Class 7th

ٹرم فیسٹ :

سبق ۱: درُعا ۲: کتھ بائھ کرنگر آداب ۳: حضرت عمرؓ

۴: ویریا ناگ

گرامر: واحد/ جمع ، نر/ماد ، لفظ/ متضاد  
درخواست : جرمانہ معاف کرنے باپتھ برنسیل ما بس پتھو درخواست

ٹرم سیکنڈ :

سبق ۱: اللتلات ۲: ٹیلی ویشن ۳: چاچا نرو ۴: چاٹھ

گرامر: ناور ، باوت ، کراوت

درخواست : ما بس چتھر لیکھن پتھو منر ٹیس ز ساس رو پتھ

وردی : تہ کتابن باپتھ منگنہ یں -

## General Instructions:

U<sub>1</sub> test shall be held in March, the U<sub>2</sub> test shall be held in May and the U<sub>3</sub> test shall be held in September. The 1<sup>st</sup> Semester Examination will be held in July 2017 and 2<sup>nd</sup> Semester Examination will be held in October 2017. 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.

## Grading System

Marks Range	Grade	Grade Point
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 – 50	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

**First Term** = U<sub>1</sub> (10%) + U<sub>2</sub> (10%) + T<sub>1</sub> (30%).

**Second Term** = U<sub>3</sub> (20%) + T<sub>2</sub> (30%).