

Estd. 1991

Phone No.: 2402606

GREEN VALLEY

EDUCATIONAL INSTITUTE

(An Alma-mater of Mental and Physical Development)



SYLLABUS FOR 7th STANDARD SESSION 2015 - 2016

Name of the Student: _____

Roll No.: _____

Section: _____

Ellahi-Bagh, Buchpora, Srinagar, Kashmir.

www.greenvalleykashmir.com

A: Reading:

- The Greenhorn and the Mule Egg.
- Truth Need Not Be Painful.
- The Counterfeit Lion

B: Poem:

- Palanquin Bearers
- The Truth is Stirless
- Treehuggers

C: Grammar:

- Simple / Compound /Complex Sentences
- Adverb and its types
- Conversation Practices
- E – Mail
- Reported Speech (Rule 1 and 2 only)

D: Writing:

- Paragraph Writing.
- Formal Letter Writing.

E: Figure of Speech:

- Simile
- Metaphor

F: Language Work:

- **Grammar:**
 - Present Simple
 - Present Stative
 - Past Simple
 - Past Stative
- **Spoken English Activities**
 - Personal Introduction
 - Daily Exploration
 - Past Exploration

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*

H.O.D (English)

A: Text:

- Exotic Places in India.
- You are the Message
- They're made out of Meat

B: Poems:

- Forgotten Language
- Neurosis

C: Grammar:

- All Tenses
- Preposition and its types
- Active and Passive Voice (Remaining three tenses):
1. Past Continuous 2. Past Perfect 3. Future Perfect
- Modal Verbs (Pure Modals and Semi Modals)
- Sir Randolph Quirks Activation Method.
- Vocabulary (Selected Words)

D: Writing:

- Writing SMS.
- Character Sketches

E: Language Work:

- **Grammar: (LOG(Language Oriented Grammar))**
 - Present / Past Continuous
 - Past Perfect
 - Pure – Modals
- **Spoken English**
 - Present Continuous Activity
 - Past Reminiscences
 - Social Identities[of higher Standard than in Class 6th]

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H.O.D (English)

MATHEMATICS

(Bharti Bhawan)

Unit I

- Integers
- Fractions
- Decimals
- Ratio and proportion

Unit II

- Rational Numbers
- Algebraic Expressions
- Linear Equations in one Variable
- Simple Interest

Term – I

- Lines and Angles
- Properties of Parallel Lines
- Properties of Triangles
- Probability

Unit II

- Percentage
- Profit and Loss
- Constructions

Term – 2nd

- Congruence.
- Mensuration.
- Collection and Organization of Data.
- Bar Graphs.

Math Activity

Activity 2: To compare the marks obtained in all the subjects by a student in the first and second term examination by drawing a bar graph using paper cutting and pasting.

Activity 3:(a) Identify the conditions under which given pair of angles are complimentary.

(b) Identify the conditions under which given pair of angles are supplementary.

Activity 4: To verify that if two lines intersect at a point, then each pair of vertically opposite angles are equal by paper cutting and pasting.

Activity 5: To verify that if two parallel lines are cut by a transversal, then

- (a) each pair of corresponding angles are equal
- (b) each pair of alternate interior angles are equal
- (c) each pair of interior angles on the same side of transversal are supplementary by paper cutting and pasting.

Activity 6: (a) To get a median of a triangle from any vertex, by paper folding.

(b) To verify that in a triangle, medians pass through a common point, by paper folding.

(c) To get an altitude of a triangle from any vertex, by paper folding.

(d) To verify that in a triangle altitudes pass through a common point, by paper folding.

(**Note:** - Teacher may take different types of triangles classified on the basis of sides and angles)

Activity 7: (a) To verify that the sum of all interior angles of a triangle is 180° by paper cutting and pasting.

(b) To verify that an exterior angle of a triangle is equal to the sum of the two interior opposite angles by paper cutting and pasting.

Activity 8: To verify that a triangle can be drawn only if the sum of lengths of any two sides is greater than the third side, using broom sticks.

Set 1: 5 cm, 7 cm, 11 cm

Set 2: 5 cm, 7 cm, 14 cm

SOCIAL SCIENCE

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

Term -1st

History:

- Medieval India
- Rise of New Kingdom
- The Delhi Sultanate
- The Mughal Empire
- Towns, Traders and Craftsmen

Civics:

- Equality in Indian Democracy
- The State Government
- Gender Issues
- Woman Empowerment

Geography:

- Our Environment
- The Structure of the Earth
- 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.

Term –2nd

History:

- Medieval Architecture
- Devotional Paths and Religious Movements
- Political formations during the eighteenth century
- Tribal communities and their development

Civics:

- The Role of Media in Democracy
- Advertising
- Markets Around Us
- Towards Equality

Geography:

- Weather and Climate
- Water and its Circulation
- Natural Vegetation and Wildlife
- 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) Bharat Bhawan

Term – 1st

Text:

- The Language of Chemistry.
- Obtaining and Utilizing Food.
- Heat
- Acids, Bases and Salts.
- Time, Motion and Speed.
- Electricity
- Transport and Excretion.
- Soil

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.

Term – 2nd

Text:

- Changes and Reactions.
- Respiration in Plants and Animals.
- Water Scarcity and Conservation.
- 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

(My Bits and Bytes-7) PMP

Term – 1st

- Computer Software
- Introduction to HTML
- More on HTML
- Graphics in HTML
- Services of Internet

Term – 2nd

- Number System
- Advanced Features in MS – Excel
- Charts in MS-Excel
- Introduction to MS – Access
- Network

Term – 1st

الجَوَارُ	الدَّرْسُ الأول
الجَوَارُ بَيْنَ الطَّالِبِينَ	الدَّرْسُ الثَّانِي
المُبْتَدَأُ وَالْخَبَرُ	الدَّرْسُ الثَّالِثُ
أَفْعَالُ النَّاقِصَةِ	الدَّرْسُ الرَّابِعُ

Term – 2nd

دُعَاءُ سَيِّدِ الْإِسْتِغْفَارِ	مُتَعَلِّقَاتُ دِينٍ
الْحُرُوفُ مُشَبَّهَةٌ بِالْفِعْلِ	الدَّرْسُ الْخَامِسُ
كُتِبَ الْأَحَادِيثُ الْمَشْهُورَةُ	مُتَعَلِّقَاتُ دِينٍ
حَيَوَانَاتُ أَلْيَفَةِ	الدَّرْسُ السَّادِسُ

(Know Your Aptitude-7) Goyal**Term – 1st****Page No. 1 to 43**

- Classification
- Patterns
- Analogy
- Series
- Venn Diagrams
- Sequence
- Vocabulary
- Coding Decoding
- Direction Test
- Blood Relations

Activities: *Aptitude Tests, G.K Updates.*

Term – 2nd**Page No. 44 to 69**

- Puzzle Test
- Making Designs
- Problems of Ages
- Rotating Dice
- Mathematical Operations.
- Quick Calculations.
- Line Graphs.
- Bar Charts.
- BODMAS Rule
- Mirror Images
- Cubes/Cuboids
- Greater/ Smallest Numbers.
- Sum of first “n” natural numbers.
- Water Images
- Data Analysis.
- Classification Ages
- Ranking

Activities: *Aptitude Tests. G.K Updates.*

Drawing

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

Term – 1st

- 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 – 2nd

- 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

میقات اول:-

نثری اسباق:- حضرت محمدؐ کے اخلاق و عادات، پیڑپودوں کی نیند، بحث و تکرار، علامہ انور شاہ کشمیریؒ، سورج کے ساتھی، نذیر احمد کی کہانی، نشہ خوری۔ ہلاکت خیزی

نظمیں:- ترانہ وحدت، تندرستی

مضامین:- حضرت محمد ﷺ، منشیات کی عادت، جنگوں کی اہمیت

پیرا گراف:- انور شاہ کشمیریؒ، ڈپٹی نذیر احمد، تندرستی

خطوط:- (۱) پرنسپل صاحب کے نام ایک دن کی رخصت کی درخواست۔

(۲) بیماری کی وجہ سے پرنسپل صاحب کے نام ایک ہفتے کی رخصت کی درخواست۔

(۳) دوست کو برف باری کا نظارہ دیکھنے کے لئے کشمیر آنے کا دعوتی خط۔

گرامر:- (۱) اسم فاعل سماعی اور اسم فاعل قیاسی کی تعریف مع مثالیں۔

(۲) اسم مفعول سماعی اور اسم مفعول قیاسی کی تعریف مع مثالیں۔

(۳) متضاد الفاظ (۲۰) (۲) واحد جمع (۲۰) (۵) مذکر مونث (۲۰)

میقات دوم:-

نثری اسباق:- ہوائی قلعے، میرا بچپن، اسحاق نیوٹن، میرا پونچھ، انسانیت اور درندگی

نظمیں:- جنت میرے وطن کی، رامائن کا ایک سین، خضر کا کام کروں

مضامین:- اسحاق نیوٹن، میرا وطن، قلعہ ہاری پر بت

پیرا گراف:- بجلی کی ایجاد، پونچھ

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

(۲) میونسپل افسر کے نام سڑک کی خستہ حالی کے لئے ایک شکایتی درخواست۔

گرامر:- (۱) اسم فاعل اور فاعل واسم مفعول اور مفعول میں فرق۔

(۲) جمع الجمع، ضمیر شخصی کی قسمیں۔ (۳) ضمیر متکلم، ضمیر مخاطب اور ضمیر غائب کی وضاحت مع مثالیں۔

(۴) مصرعہ، شعر، قافیہ اور ردیف کی وضاحت مع مثالیں۔

TERM - I

دعا ، کلین ہندری فایدہ ، *نوشن کلین ہندری* و لکھو
کتھ* تھ کرنگ آداب ، کشپر ہندین تڑین* غن ہندری* و لکھو
ن پوشن ہندری و لکھو ، کتھ* تھ کرنگ تڑے آداب لکھن
حضرت عمرؓ ، حضرت عمرؓ متعلق تڑے جملہ لکھن
واحد-جمع ، مذکر مؤنث ، لفظ متضاد ، جرمانہ معاف کرنہ* پتھ در خواست لکھن

TERM - II

للتاوت ، ٹیلی و جن ، ویر* گ ، چاچا نہرو
ٹیلی و جنس تہ ٹیو ہنس متعلق تڑے تڑے جملہ لکھن ، ویر* گس متعلق تڑے جملہ لکھن ،
تڑین جا* وارن ہنڈ* و لکھن ، پنڈت جواہر لال نہرو ہنس متعلق تڑے جملہ لکھن ،
مالس چھٹی لکھن ی تھ منز تمس ز ساس روپیہ منگنہ ہن

General Instructions:

U_1 test shall be held in April, the U_2 test shall be held in June and the U_3 test shall be held in September. The 1st Semester Examination will 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.

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 – 50	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

First Term = U_1 (10%) + U_2 (10%) + T_1 (30%).

Second Term = U_3 (20%) + T_2 (30%).