

Estd. 1991

Phone No.: 2402606

GREEN VALLEY

EDUCATIONAL INSTITUTE

(An Alma-mater of Mental and Physical Development)



SYLLABUS FOR 7th STANDARD SESSION 2015

Name of the Student: _____

Roll No.: _____

Section: _____

Ellahi-Bagh, Buchpora, Srinagar, Kashmir.

www.greenvalleykashmir.com

ENGLISH

(Aster -7- Orient Longman)

Term – 1st

Text:

- The Green Horn and the Mule Egg.
- Truth Need Not Be Painful.
- Tiptoe through the Trilliums.
- Exotic Places in India.

Poem:

- Palanquin Bearers.
- The Truth is Stirless.
- Tree Huggers.
- A Warm Welcome to Incredible India.

Grammar:

- Similes / Metaphors.
- Sentences: Simple Compound and Complex.
- Tenses.
- Adverb.
- Prepositions.

Writing:

- e – Mail Writing.
- Paragraph Writing.
- Formal Letter Writing.

Term – 2nd

Text:

- Do You Have It In You?
- You are the Message.
- They are made out of Meat.

Poems:

- Surfing King
- Forgotten Language.
- At the Green Cabaret.

Grammar:

- Direct/ Indirect

- Active/Passive.
- Modals
- Articles

Writing:

- Writing SMS.
- Advertisements
- Character Sketches

MATHEMATICS

(Bharti Bhawan)

Term – 1st

- Integers.
- Fractions.
- Decimals
- Rational Numbers
- Exponents
- Linear Equations
- Properties of Parallel Lines.
- Algebraic Expressions
- Linear Equations in one Variable.

Related activities from the book: Worksheets

Term – 2nd

- Ratio and Proportion
- Constructions
- Percentage
- Profit and Loss
- Simple Interest
- Properties of Triangles
- Congruence.
- Mensuration.
- Collection and Organization of Data.
- Bar Graphs.

Related activities from the book: Worksheets

SOCIAL SCIENCE

(Go For Social Science)

Term –1st

History:

Guided Practice:

- Thousand Years through History.
- Rise of Dynasties.
- The Delhi Sultanate.
- Mughal Dynasty.
- Architecture during the Medieval Period economy in the Medieval India.

Open Practice:

- Work Sheets.
- Self note writing on some prescribed topics according to the sequence of the chapter.
- Assignment carrying 25 marks for T₁ E.C.A.

Civics:

Guided Practice:

- Equality in Indian Democracy.
- The State Government..
- Women and Equality.
- Women and Empowerment.

Open Practice:

- Do you observe equality in the society?
- If yes, give reasons or If not how? (not more than 100 words)
- How can Gender equality help to empower the society? (not more than 80 words)
- Classroom presentation on topic “Is Media cure or curse for the society”.

Geography:

Guided Practice:

- Environment: Inside our Earth.
- Our changing Earth.
- Air
- Water.
- Natural Vegetation Wild life.

Open Practice:

- Make a list of Natural and Manmade articles in our day – to – day life.
- Make a list of Biotic and abiotic components present in your houses.
- What are the reasons behind the Geological imbalance?
- What are the reasons behind ozone layer depletion?
- Make a chart of various endangered and extinct species both in fauna as well as flora for display board and exhibition.

Term –2nd**History:*****Guided Practice:***

- Tribal and Nomadic Studies.
- New forms of religious beliefs.
- Changing Political Structure in India.
- Kashmir History (From BOSE Book).

Open Practice:

- Make a chart of various personalities along with brief description for display board and exhibition.
- Group discussion along with Presentation on history of Kashmir with reference to 13th July 19.

Civics:***Guided Practice:***

- Media and our society
- Advertising Industry in India.
- Market.
- Equality and Indian Democracy.

Open Practice:

- Make a small chart pasted with various brand logos and tag – lines.
- Do we observe democracy in our society if yes, give examples, if not? Why? (80 words)

Geography:***Guided Practice:***

- Human Environment Settlement.
- Transport and Communication.
- Life in Temperate Grasslands.

- Life in the Deserts.

Open Practice:

- Self note writing on some prescribed topics according to the sequence of the chapter.
- Make a detailed report on “The Great Wall of China”.
- What is the reason behind endangered and extinct how can we handle this situation and what should be our role as a common person to save our environment.
- Work sheets for the above chapter.

SCIENCE

(Bharti Bhawan)

Term – 1st

Text:

- The Language of Chemistry.
- Heat.
- Fibres from animals.
- Time, Motion and Speed.
- Obtaining and Utilizing Food.
- Weather Climate and Adaptation
- Acids, Bases and Salts.
- Light.
- Transport and Excretion.

Activities:

- Essentials, Limitations and implications of a chemical equation.
- Reading a thermometer.
- Black bodies are best absorbers of heat.
- Absorption capacity of fabrics.
- To study the lustrous nature of fabrics.
- To study life cycle of silk moth.
- Making of Sundial and Hour glass.
- Uses of Teeth.
- Taste areas if Tongue.
- Studying weather changes.

- Litmus paper test for acid and base.
- Tasting various food items.
- Watching a spectrum of light.
- Reflection of light.
- Refraction of light.
- Osmosis.
- Proportion of different solid components in garden soil.

Lab Work:

- To study convection of heat in water.
- To differentiate natural silk and wool fibres from artificial or synthetic fibres.
- To study different materials as good /bad conductors of heat.
- To study time period of Simple Pendulum.
- To study light is necessary for Photosynthesis.
- To study effect of Saliva on starch.
- Making of rain gauge and to measure rainfall
- Reflection of light from a mirror.
- Focus of sunrays to a bright spot.
- Transportation of water through cells using potato.
- Making of soap.

Presentations:

- Reactions of different elements with Hydrogen and Oxygen.
- Types of solar cookers and the reasons for their difference.
- Different kinds of natural fibres (both plants and animals) including images of different varieties.
- Different animals showing different types of Adaptations to survive.
- Human digestive system.
- Lenses and image formed by lenses.
- Excretion in Animals.

Assignment:

- Skelton and balanced equation, how to balance a chemical equation.
- Find about the different breeds of sheep used to obtain wool. Which breeds are of Indian Origin? How are they reared? What problems are encountered during rearing of sheep?

- Write in brief about life and work of Galileo Galilei.
- Find out about hydroponics, especially about how you can grow plants in this way.
- Detailed info. on weather in India.
- Find out the range of pH for acids and bases. Also find out the relation between pH value and strength of an acid or a base.
- Explain in brief the working of LASERS.
- Find out about the following:
 - Artificial Pacemaker
 - Electro Cardiogram

Term – 2nd

Text:

- Soil
- Changes and Reactions.
- Respiration in Plants and Animals.
- Water Scarcity and Conservation.
- Electricity.
- Reproduction in plants.
- Wind, Storm and Rain.
- Waste Management.

Activities:

- Separation of common salt from water.
- Carbon Dioxide is released during respiration.
- Rate of Breathing.
- Working of an Electric Circuit.
- Dancing paper pin.
- Making of Electro magnet.
- Vegetative Reproduction in Onion/ potato.
- Power of Air Pressure.

Lab Work:

- Absorption of water by soil.
- Preparation of Magnesium Hydroxide.
- Anaerobic respiration in living organisms.

- Heating effect of current.
- Magnetic effect of current.
- Working of Electric Bell.
- Reduction of pressure due to high speed.

Presentation:

- Types of soils in India
- Discuss about the ways to conserve water at home and in school (traditional / Modern)
- Artificial Respiration.
- Respiration in Animals.
- Strength of an electromagnet.
- Reproduction in Plants.
- Areas in India which are prone to cyclones.

Assignment:

- Find out about the life and work of Rajendra Singh (waterman)
- Effect of Yeast on Dough.
- Fuse, its types and working? What to do if the fuse blows? What are alternatives to Fuses?
- Does the normal process of 'dying' of old age apply to bacteria? Find out.
- Write in brief about monsoon in India.
- Trace the flow of waste water in and around your home? Where does it finally go? Look for problems like open drains, Stagnant water or leaking pipes.

Computer Science

My Bits and Bytes (PMP)

Term – 1st

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

Term – 2nd

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

Arabic

(Darus-ul-Arabia)

Term – 1st

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

Term – 2nd

متعلقات دين	دُعَاءُ سَيِّدِ الْاِسْتِغْفَارِ
الدَّرْسُ الْخَامِسُ	الْحُرُوفُ مُشَبَّهَةٌ بِالْفِعْلِ
متعلقات دين	كُتِبَ الْأَحَادِيثُ الْمَشْهُورَةُ
الدَّرْسُ السَّادِسُ	حَيَوَانَاتُ أَلْيَفَةِ

PSA

(Talent Hunt—7)

Term – 1st

- Classification
- Patterns
- Analogy
- Series
- Sequence
- Mirror Images
- Water Images
- Ranking

Activities: Aptitude Tests, G.K Updates.

Term – 2nd

- Puzzle Test
- Making Designs
- Problems of Ages
- Rotating Dice
- Mathematical Operations.
- Quick Calculations.
- Line Graphs.
- Bar Charts.
- Direction Test
- Cubes/Cuboids
- Blood Relations
- Greater/ Smallest Numbers.
- Sum of first “n” natural numbers.
- Pie- Chart.
- Data Analysis.

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

Drawing

(Creative Art and Activity)

(Book 7)

Term – 1st

- Pencil Shading Pot, Water Colour Shading: Scenery, Poster Colour Shading: Tortoise, Water Colour Effect: Rocket & Tree
- Craft: Chinese Opera Mask, Angel, Easter Bonnet.
- Texture Paper Technique: Snake
- Drawing: Still Life & Cartoon.
- Cotton Impression: Scenery.

- Perspective: House Corridor
- Colour Pencil Dust Drawing: Landscape
- Oil Pasting Shading: Lion
- Black Water Colour Effect: Tree

Term – 2nd

- Drawing: Cartoon ,Rajasthani Art & Slippers Face Expression, Cariature & Eyes.
- Craft: Accordion Fish, Seashell & Ladybird.
- Block Drawing: Human Face
- Sketch pen tip Colouring: Fruits
- Paper Collage: Scenery
- Light and Shade: Face
- Perspective: House & Building.
- Portrait: Rabindranath Tagore
- Emotive Typography: Words
- Origami: Panther.



کلیڈ اردو (Kaleed Urdu)

میقات اول:-

نثری اسباق:- میڈم کیوری ، چیونٹی ، ٹیپو سلطان ، ہندوستان کی جنگ آزادی ، غالب ،
روبوٹ۔

نظمیں:- حمد باری تعالیٰ ، سلام بحضور سرور کائنات، بہار۔

مضامین:- حضرت محمد ﷺ، کشمیر کے قدرتی نظارے، ٹیلی ویژن (اشارات کی مدد سے)

پیرا گراف:- حمد، نعت، اسماعیل میرٹھی، ماہر القادری، ٹیپو سلطان، مہاتما گاندھی، غالب۔

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 کے دعوتی خط۔
گرائمر:- (۱) قواعد کے تحت "اسم معاوضہ" اور "حروف ندا" کی واقفیت دیں۔
(۲) بیس ہم آواز الفاظ کو جملوں میں استعمال کریں۔
(۳) اسم علم کی پانچ قسموں، تخلص، خطاب، لقب، کنیت اور عرف کی وضاحت کریں۔

(۴) مندرجہ ذیل الفاظ کے متضاد لکھئے: آباد۔ آزادی۔ آغاز۔ اُجالا۔ اجنبی۔ اصل۔ اندر۔ انسان۔ امیر۔ اول۔ ایماندار۔ اول۔ ایماندار۔
(۵) درسی کتاب سے چند محاورے کے معنی اور جملے لکھئے۔
(۶) بیس واحد الفاظ کے جمع اور الجمع لکھیں۔

میقات دوم:-

درسی کتاب:- پھیرے کی ایجاد، ابن بطوطہ، جہانسی کی رانی، دانیال اور شیر، دو غز مین، آلودگی، چالاک مچھیرا۔

نظمیں:- باپ کی نصیحت، برسات کی بہاریں۔

پیرا گراف:- پہیہ، نظم، نظیر اکبر آبادی، نیک امل خدا کو پسند ہیں۔ (محضوفات کی مدد سے)

مضامین:- پسندیدہ استاد، سائنس کی ایجادات۔ (اشارات کی مدد سے)

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

(۲) میونسپل کمیٹی کے افسر کے نام سڑک کی خستہ حالی سے پیدا آلودگی سے متعلق شکایتی درخواست۔

گرامر:- (۱) فعل، فاعل اور مفعول کی وضاحت مثالیں کے ساتھ۔

(۲) حقیقی جنس کے مطابق تذکیر و تانیث کی مشقیں۔

(۳) فعل امر اور اس کی دو قسموں فعل مثبت اور فعل منفی کی وضاحت مثالوں کے ساتھ۔

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

(۵) سبق "ابن بطوطہ" سے اقتباس دے کر سوالات و جوابات کی مشق۔

TERM - I

دعا ، کلُن ہندِ فایدہ ، * پُشن کلُن ہندِ * و لکھو

کھ * تھ کرک ادب ، کُشپر ہندین تڑین * غن ہندِ * و لکھو

* ن پُشن ہندِ * و لکھو ، کھ * تھ کرک تڑے ادب لکھن

حضرت عمرؓ ، حضرت عمرؓ مُعلق تڑے جملہ لکھن

واحد جمع ، مذکر نمونہ \$ ، لفظ مُضاد ، جُرمہ معف کرنہ * پتھ درخواں لکھن

TERM - II

للتات ، ٹیلی وِجن ، ویر * گ ، چاچاہرو

ٹیلی وِجن تہ یو پُشن مُعلق تڑے جملہ لکھن ، ویر * گس مُعلق تڑے جملہ لکھن ،

تڑین جا * وارن ہندِ * و لکھن ، پنڈت جواہر لال نہروہں مُعلق تڑے جملہ لکھن ،

مائلں چھڑ لکھن پتھ منز تھس زساں روپیہ منگنہ بن

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 will be held in July 2015 and 2nd Semester Examination will be held in November 2015. 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 = U₁ (10%) + U₂ (10%) + T₁ (30%).

Second Term = U₃ (20%) + T₂ (30%).