



HOLIDAY HOMEWORK (2017-18)

CLASS - IX

ENGLISH

1. Read the first ten chapters of the novel “ Three Men in a Boat” and make a list of the main and other characters in the story. Write a paragraph on each character.
2. Convert the poem Lord Ullin’s Daughter into a well- written story in 175-200 words. Do ensure that the story is complete with colourful illustrations placed appropriately.
3. Write a short story in about 100 words on the following:-
 - a) Shaurya has to return home- he waits for the train at the wrong station- misses his train- waits whole night at the railway station-catches a train next morning- travels in general compartment- finally reaches home exhausted.
 - b) Sohan was a young boy – he lived near the road- one day while playing near that *All these questions are to be done in English note book.*



हिंदी

- (क) समाचार पत्र-पत्रिकाओं में प्रकाशित जलवायु परिवर्तन संबंधी लेख एकत्रित करके फाइल तैयार कीजिए ।
- (ख) आगामी इकाई परीक्षा हेतु पठन-पाठन कीजिए । (पाठ्यक्रम -अप्रैल-मई)
- (ग) मन्नु भंडारी (प्रतिनिधि कहानियाँ)की पुस्तक की प्रथम तीन कहानियों का पठन-पाठन कीजिए । (अकेली , मजबूरी , तीसरा आदमी)
- (घ) अप्रैल-मई माह की कार्यपत्रिका व्याकरण कॉपी में कीजिए ।

संस्कृत

ग्रीष्मावकाश गृहकार्य -

1. मई मास की कार्यपत्रिका के उत्तर कक्षा-कार्य पुस्तिका में लिखिए व याद कीजिए ।
2. शब्द रूप - बालक, लता, मुनि, साधु, अस्मद्, युष्मद्, तत्, इदम् (तीनों लिंग)
3. धातु रूप - परस्मैपदी -अस्, कृ, गम्; आत्मनेपदी - सेव्, रुच् (लट्, लृट् तथा लङ् लकार)
(सभी कार्य अभ्यास उत्तर पुस्तिका में लिखें तथा याद करें)
4. **शब्दकोशनिर्माणम्** - (फल-पुष्प-शाक-पशु-पक्षी-गृह-वस्तुनाम् नामानि) - छात्र भित्तिपत्रिका (File) तैयार करेंगे। मूल्यांकन प्रस्तुतीकरण, शुद्ध वर्तनी तथा शुद्ध व्याकरण तथा शब्द-ज्ञान के आधार पर किया जाएगा ।

FRENCH

Subject Enrichment Activity (To be assessed in Cycle-I)

Prepare un publicite sur un pays francophone. Il faut parler de sa population, sa religion, sa culture, ses coutumes,, sa nourriture.

MATHS

1. Subject enrichment activity:

Prepare a working model which demonstrate any one identity of the polynomial.

For example:

Similarly you can demonstrate other identities also except this one.

Or

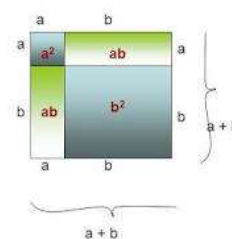
Prepare a colourful chart explaining square root spiral (min Upto $\sqrt{17}$).

Use your own creativity to make it more beautiful.

2. Practice questions of ch-1 number system and ch-2 polynomial from NCERT exemplar.

Demonstrate $a^2 + 2ab + b^2 = (a + b)^2$

- Find the area of the big square by adding up the areas of the 2 squares and 2 rectangles:
 $a^2 + ab + ab + b^2 = a^2 + 2ab + b^2$
- Is there another way to find the area of the big square?
Yes, the side of the big square is $(a + b)$ so the area is $(a + b)^2$



PHYSICS

Students are required to study the motion of a toy car and find the uniformity or non-uniformity of the motion. The observations are to be recorded in a file or a folder.

Time Required: 40-60 Minutes

Materials Required: Toy car, Stop-watch, marker, scale, etc.

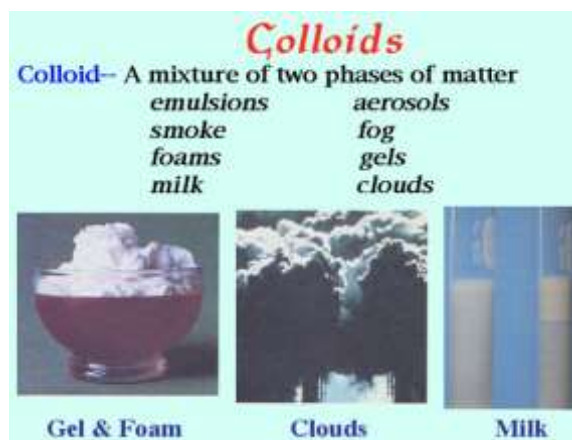
Objectives: To learn to interpret the types of motion from graphs and acquire *observational*, *analytical* and *graphical representation* of information skills.

- Method:**
1. Mark a large number (say 15) lines at regular separation on the table top.
 2. Give key to the toy car and keep it ready at the starting line-marked as zero.
 3. Leave the car to roll.
 4. Simultaneously switch on the stop-watch / digital watch
 5. Follow the car and note the time at which the car is at various marks.
 6. Plot a graph between the position of the car and time.
 7. Analyse /Check whether the graph is a straight line or a curve.
 8. Express the physical quantity that one can obtain from the graph and the way it can be used to know the nature of the motion. Conclude your observations and answer the following questions:
 - a) Do all toy cars have the motion in the same fashion?
 - b) Does the roughness of the surface affect the result?

CHEMISTRY

This holiday Lets have fun with chemistry and learn that butter ,cheese, milk are colloidal solutions which show Tyndall effect.


- Collect samples of colloidal solutions from everyday usage materials. Find out about the dispersion medium and dispersed phase of each sample. Also classify these colloids into different categories. The marks will be awarded for innovative, neat and aesthetic presentation and on the basis of viva voce.



GUIDELINES

1. Samples of colloids can be collected in small sachets/pouches/bottles.
 2. These sachets/pouches/bottles can be pasted/mounted on a thermocol. The detailed description can be pasted/written on thermocol.
 3. Students to apply their imagination to put up an impressive presentation.
- Complete all the assignments (April-May).

BIOLOGY

- *You* must have heard about genetically modified (GM) foods. Find out about the nutritional value of GM foods. Make a report stating both the advantages and **disadvantages** of GM foods (any two).
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- Prepare a power point presentation on the G.M crops as future food.

HISTORY & DP

- Make a power point presentation of development of any one city.
- Minimum ten slides add video and music.
- Lay emphasis on the causes for population expansion, kind of opportunities, housing etc.
- Mail it to bbpshistory@gmail.com
- Complete assignment for the month of April and May.(History and DP)
- Assignment questions should be done in the notebook with proper chapter name.

GEOGRAPHY

1. Prepare a pocket guide on First Aid for your school. The First Aid pocket guide should contain aid that needs to be given for fractures, poisoning, cuts and burns, heat and cold wave and other threats. The content shared in the guide should be supported with adequate pictures so as to give a clear and elaborate understanding about the topic



2. Students are required to complete the assignments of all topics covered in the month of April-May.

ECONOMICS

I. Study the pictures and answer the following questions:



- i) Has the Green Revolution helped all the farmers in India? Justify your answer.
- ii) Suggest three ways how farmers can increase their income in India.
(To be done in Economics notebook.)

II. Complete the assignments in Economics notebook.

HOME SCIENCE

1. Observe and prepare a folder of three pages on motor skills (pictures and Characteristics) in three year old child.
2. Families are who you love. ... A **family** caregiving unit might consist of a couple; a mother, father and children; a single parent and child; grandparent and grandchildren; a sibling group; a circle of friends; or however that family defines itself. Families are the foundation of society. Prepare a chart or collage on role of family members while living in a joint family.



FINANCIAL MARKETING MANAGEMENT
(CONCEPTS OF MONEY MANAGEMENT)

1. Visit a bank in your neighbourhood area . Prepare a project on how to open a savings bank account . Collect the documents required by a bank account . State the characteristic features of each document and their relevance for a bank account holder.



2. Complete 10 lessons of NLT software (Numeric key accelerator) . All four levels of each lesson are to be practised.

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