



BLUE BIRD HIGH SCHOOL, SECTOR-16 PANCHKULA
SUMMER HOLIDAYS HOMEWORK



CLASS - 9 . 2018-19



Summer Holidays are the best time of the year,
It is the time to relax , play , dance and cheer.
Plan a trip and go around and explore,
Be it granny's house , mountains or a seashore.
Rafting , skiing or baking a cake ,
Join a camp or swim in a lake.
Help your mom 'n' dad , as one always should ,
Care for your grandparents , as every wise would.
Gain knowledge and have fun with your head held high ,
Fly high like a Blue Bird and reach out for the sky.



Classes: 1ST to 10TH

Summer Vacation : 30th May 2018, Wednesday to 3rd July 2018, Tuesday

School reopens on : 4th July 2018, Wednesday

Timings : 8:00 am to 2:00 pm

**Note : School office will be working till 31st May 2018 Thursday and
after summer vacations from 2nd July 2018, Monday
(Timings 8:00 am to 12:30 pm)**

: Please check the school website to acknowledge any change.

Kindly note that the holidays homework of every subject has to be done on ruled sheets , separately and then be compiled in one folder. Otherwise, homework said to be done in the homework copies should be done there itself.

ENGLISH:

1. Design a poster with a slogan or a motivational thought in not more than 30 to 40 words to motivate and inculcate Good Reading habits in your classmates.(Use chart paper of size A3 sheet)
2. **"Teachers should be replaced with computers"** , write the topic in about 300-500 words and prepare the topic for Debate to be held after the holidays. (time duration will be 2-3 minutes.)
3. **BBC** : Read the passage carefully and answer the questions on pages 5 , 7 , 9 , 11 , 13 , 15 of Reading Module.
pages 112 ,114 ,118 of writing Modules in Descriptive paragraph.
pages 176 , 178 , 180 Story writing
pages 242, 243, 248-249 , 254-255 , 262-263 of Integrated Grammar.
4. Revise all the work done in notebooks of the chapters of literature done till 29th May 2018.

HINDI:

1. एवरेस्ट पर जाने वाले किन्ही पाँच भारतीय पर्वतारोहियों के चित्र चिपकाएँ तथा उनके नाम लिखें | उनमें से किन्ही दो की एवरेस्ट यात्रा के संघर्ष का सम्पूर्ण वर्णन करें |
2. "रहीम के नीतिपरक दोहों से आधुनिक समय में बदलाव लाया जा सकता है " | समअनुक्रमांक इस विषय के पक्ष में तथा विषम अनुक्रमांक इस विषय के विपक्ष में लगभग 100 शब्दों में लिखें |
3. दिए गए शब्दों का वर्ण विच्छेद करें : संवाद , रहस्य , नास्तिक , सामाजिक , उत्कृष्ट , क्षत्रीय , कर्तव्य , त्रिकोण , परीक्षा , गतिविधि
4. उपसर्ग और मूल शब्द पृथक करे : चिरकाल , विज्ञान , अभ्यास , अनिच्छा , आरक्षण , प्रत्यक्ष , अंतर्मुखी , नियुक्त , सुबोध , अभ्यस्त
5. प्रत्यय और मूल शब्द पृथक करे : सुनार , बाज़ीगर , दूधवाला , गुलाबी , चिकनाहट , मुंबइया , सालाना , हठीला , भुलक्कड , अमीरी
6. कक्षा में करवाए गए पाठ्यक्रम की लिख कर दोहराई करें | (परीक्षा हेतु)

MATHEMATICS:

Do all the questions of the following exercises from NCERT EXEMPLAR book in fair (HW)
notebook: Chapter - Number System (Ex. 1.3, 1.4) ,
Chapter - Polynomials (Ex. 2.1, 2.3, 2.4)

SCIENCE:

1. Project report to be prepared by the students should be subjective. The format of the project report is as follows:
 - Aim
 - Material required
 - Principle
 - Procedure
 - Working
 - Application
 - Cost of the model
 - Circuit diagram
- A) Model and project topics
 - a. Model on energy conservation efficient methods
 - b. Model on water conservation technique in agriculture.
 - c. Model on it controlled gadgets
2. Make a well labelled chart/working/non working model of a cell or any cell organelle.
3. Paste colourful picture or draw neat diagrams of different cell organelles in your project file.

4. Worksheet

CHAPTER 1 - MATTER IN OUR SURROUNDINGS

- Q1. Name the process which occurs when a drop of dettol is added to water.
- Q2. Define density and give its S.I. Unit.
- Q3. Convert the following temperature to Celsius scale: 2 a) 300K b) 573K
- Q4. How does the water kept in an earthen pot become cool during summer?
- Q5. How does evaporation differ from boiling?
- Q6. Which gas is called dry ice? Why?

Topic - THE FUNDAMENTAL UNIT OF LIFE

- Q1. Name the scientists who presented cell theory.
- Q2. Name the cell organelle which acts as 'Protein factory' of the cell. Where is it located?
- Q3. What are leucoplasts? Give their function.
- Q4. What is plasmolysis? What happens to a plasmolyzed cell when it is placed immediately in a hypotonic solution?
- Q5. Why are mitochondria and plastids called semiautonomous organelles?
- Q6. Why does the skin of your finger shrink when you wash clothes for a long time?

Q7. What causes more severe burns – boiling water or steam?

Q8. What do you understand by the term Latent heat of fusion? How much is the latent heat of fusion of ice?

Q9. What are the characteristics of the particles of matter?

Q10. Discuss the various factors which affect the rate of evaporation.

Q7. Very briefly describe the following:

- a) Lysosomes as autophagous organelles during starvation. b) Membrane biogenesis c) Oxysomes of Mitochondria

Q8. Differentiate Prokaryotic cell and Eukaryotic cell.

Q9. State what happens when: a) Dry apricots are left for sometime in pure water and later transferred to sugar solution? b) A Red blood cell is kept in concentrated saline solution? c) The plasma membrane of a cell breaks down? d) Golgi apparatus is removed from the cell?

Q10. Draw a neat diagram of plant cell and label any three parts which differentiate it from animal cell.

Topic : Motion

- Q 1 Define centripetal force.
- Q 2 When do we say the acceleration of a body is zero?
- Q 3 What is meant by non-uniform acceleration?
- Q 4 What is meant by uniform acceleration?
- Q 5 Define acceleration.
- Q 6 When does the velocity and speed of a moving body become identical?

Q 7 What is meant by average velocity of a body moving in a particular direction?

Q 8 When does the velocity change?

Q 9 Define the term displacement and distance.

Q 10 What is a scalar quantity?

Q 11 How is the position of an object described?

SOCIAL SCIENCE :

Project work: Topic : "Tsunami 2004"

**Sub-topic to be covered: 1. Introduction 2. Causes 3. Characteristics 4. Drawback
5. 2004 Indian Ocean Tsunami 6. Conclusion.**

Note: Following essentials are required to be fulfilled for its preparation.

1. The total number of sheets 10-12. (A4-Ruled Sheets)
2. The project report will be handwritten and it should be in a stick file.
3. The project report will be developed in this sequence-
 - a. Cover page: Session, Topic, Student Name, Class & Roll No.
 - b. Index/Acknowledgements
 - c. Introduction.
 - d. Sub- topics covered with suitable headings.
 - e. Conclusions

Note: Attached Worksheet will be solved in Social Science notebook and learn it.

HISTORY:

1. Describe the incident which sparked the French Revolution.
2. Who were the Sans-Culottes?
3. Give role of the French philosophers in the outbreak of the Revolution.
4. List the three Estates into which French society was divided.
5. What were the privileges enjoyed by the clergy and nobility?
6. What taxes were levied by the State and church on third estate?
7. Why and where did Louis XVI convene the assembly of the Estates General?
8. When and where was the formation for the National Assembly announced?
9. What was the main objective and features of the constitution of 1791?
10. Differentiate the terms 'active citizens' and 'passive citizens'.
11. Name the leader of the Jacobin Club. What role did he play in French revolution?
12. What was the 'Reign of Terror'? List significant laws enacted by Robespierre.
13. What was the most important legacy of the French Revolution?
14. Which factor contributed to the rise of Napoleon?

GEOGRAPHY/ECONOMICS:

1. The Sun rises two hours earlier in Arunachal Pradesh as compared to Gujarat in the West but the watches show the same time. How does this happen?
2. The central location of India at the head of the Indian Ocean is considered of great significance. Why?
3. Why 82°30, E has been taken as standard meridian of India?
4. How the investment in Human Capital can be of immense importance for a society as a whole? State any four advantages.
5. Explain some strategies made by Government to solve the problem of unemployment in India.
6. How does Sarva Shiksha Abhiyan help in improving elementary education in India?
7. Why did Japan emerge as a developed country inspite of its poor natural resource?
8. What is an economic activity? What are various activities undertaken in the primary sector, secondary sector and tertiary sector?
9. What are the strategies that the government has undertaken to reduce unemployment?
10. What was the basic aim of the 'Green Revolution' in India? How did it affect the Indian economy?
11. What are the different ways of increasing production on the same piece of land. Explain with the help of examples.
12. What are the four requirements for production of goods and services?

CIVICS:

1. Why is Democracy considered the best form of government? Give three reasons.
2. Explain any three differences between democratic country and non-democratic country?
3. How does democracy in a country enhance the dignity of an individual? State three points.
4. Enumerate the arguments given against democracy.
5. Enumerate the arguments given in favour of democracy.
6. "Democracy improve the quality of decision making." Explain.
7. Give any four reasons why democracies resolve conflict in a better way than other forms of governments.

MAP ACTIVITY:

Locate the following on map of India:

1. India-States with Capitals , Tropic of Cancer , Standard Meridian , Southern most , northern most , eastern most and western most point of India.
2. Mountain Ranges : The Karakoram , The Zasker , The Shivalik , The Aravali , The Vindhya , The Satpura , Western & Eastern Ghats.
3. Mountain Peaks – Kanchan Junga , Anai Mudi , K2
4. Plateau - Deccan Plateau , Chotta Nagpur Plateau , Malwa plateau
5. Coastal Plains - Konkan , Malabar , Coromandal & Northern Circar

HEALTH AND PHYSICAL EDUCATION (HPE):

NOTE: HPE is a new and compulsory venture of CBSE whose marks/grades will be visible in the final mark sheet from now onwards.

Fill the survey form given and discussed in details about HPE- Health & Physical Education

STRAND 3 - SEWA (Social Empowerment through Work and Action) .

(a) Make a Questionnaire and conduct an interview of ANY FIVE of your relatives ,friends and neighbours , to know and make them aware about their responsibilities towards **MOTHER EARTH.**

(b) **EVERYDAY IS EARTH DAY-** Do 10 activities to make your contribution to heal the Earth and make a list of these activities and bring the evidence to school after the holidays in the form of write ups and photographs or video.



Things to do during summer holidays:

1. Must go for a morning walk , join yoga classes , do swimming or cycling to keep you fit and healthy.
2. Drink lots of water and eat fruits to keep you hydrated.
3. Help your grandparents and parents and always talk politely with them.
4. Save electricity and water as much as you can.
5. Keep your surroundings clean and say no to plastic.
6. Read good story books and newspaper daily.
7. Complete your holiday homework in time, neatly and innovatively.
8. Try to overcome all the shortcomings you think you have in you.
9. Enjoy a quality time with your family members.
10. Give food and water to birds.



ENJOY A HAPPY AND A HAPPENING SUMMER BREAK !!!!