Delhi Public Elementary School
Session 2022-2023
CLASS: IX

SUMMER HOLIDAY HOMEWORK

ENGLISH

Dear Students,

Learning is the beginning of wealth.
Learning is the beginning of health.
Learning is the beginning of spirituality.
Searching and learning is where the miracle process all begins.
…………………Jim

Holiday is the time that we all eagerly wait for. We all make plans to enjoy, to relax and to empower ourselves during these gala days. This summer vacation the Holiday Homework so designed by the mentors of the school is a medium for you all to achieve the motto of "Fun and Learn" The activity based assignments will foster curiosity, develop creativity , enhance knowledge and instil the joy of learning among you all. They will certainly help you discover a new you who is more enriched and confident and performs every action to perfection. As it is well recognized that Delhi Public Elementary School not only fousses on academics but lay equal importance on Co-scholastic Competencies .The school also desires you to adhere to the following guidelines for a fulfilling break

Instructions :
1. *Make your Assignment attractively.*
2. *Use your own creativity to make it different and unique.*
3. *Use project paper ,sheets, file cover page and front page, wherever you need.*

We wish you all a safe, healthy, memorable and happy vacation.

Task 1. Prepare hand made English News paper in which you have to cover all the pages which news paper has in it and give an attractive name to your news paper.

Task2. Make an attractive and beautiful dictionary ,write down 5 words daily with their uses in sentences. (dictionary must have attractive cover page and give the title to it)

Task 3. Make a scrap book in which you have to jotted down the following topics

A. Write down 20 idioms and paste relevant images and use them in sentence.
B. Write down 20 Phrase with examples.
C. Compose two poem in your own words and make them of it.
D. Write down 5 Bhagwat Geeta Shlok in English and find out values which we should adopt in our life.
E. Read any Fiction and Prose and write down the gist of that particular fiction or prose that you have read and also write down your experience.
F. Developing a Monologue • How to do: Choose any product of your choice and prepare an advertisement having a monologue of about 1 minute which you will present in the class. No use of props is allowed. • Where to do: In the classroom • Parameters: Originality, creativity, confidence, expressions

Task 4. Designing a magazine

    • How to do: Create a magazine of your own having about 6 pages of news updates. Give a title. Create various sections:

    a) National & International news

    b) Sports

    c) Entertainment

    d) Facts and figures about elections

    e) Fun/ puzzles

    f) Creative corner- featuring poems, stories, drawings, etc (original creations)

    • Where to do: A-4 size sheets • Parameters: Creativity, content, presentation

Task 5. Being a poet

• How to do: Make a poem based on the story "A Most Important Person" by Margaret Weymouth
Jackson.   (4 stanzas)

• Where to do: A-4 size sheet

• Parameters: Content, creativity, presentation

Task 6 . Gaming zone

• How to do: Create an interesting portable game on any topic from the given list.

ExCard games, board games, treasure hunt, etc. It can be a made for an individual player or for multiple players. Topics:

a)   Prepositions b) Tenses c) Idioms d) Phrases and Clauses d) verbs f) Modals g) figure of speeches

 • Materials Required: Any waste material at your home like card boards, sheets, used bottles, etc. •
Parameters: Creativity, authenticity, presentation

Task 7 . Comparative analysis

 • How to do: Choose any one novel from the given list and read it. Watch the movie based on the same novel in English from youtube. Then, review the story based on the following key points in about 5-6 pages:

a)   About the author b) Summary c) Favourite character d) Which one did you like more, the story or the movie and why?

 Stories: a) Oliver Twist by Charles Dickens (youtube link: www.youtu.be/srzTKguyAhg\\h b) David Copperfield by Charles Dickens (youtube link: https://youtu.be/CohXIMqkZXI" \h

• Where to do: A-4 size sheets to be put in a stick file • Parameters: Content, presentation

Task 8. Make illustrative presentations on the following poems from „Songs of Ourselves" Vol 2.
It can be through ppts, charts, flashcards etc

1. Ode to melancholy
2. The caged skylark
3. The Poplar Field
4. Sea eats the land at home
5. Afternoon with Irish cows

Task 9. Macbeth

 Act 1 Macbeth-Read Act 1 .

Make a PPT on Shakespearean Era, Theatre, Themes of Macbeth and Analysis of Act 1.

Task10. Chart Making

Choose any one to prepare your chart

1. Tree Chart
2. Flow Chart
3. Mind map chart
4. Wall hanging chart

Topics

1. Tenses
2. Modals
3. Adjectives
4. Idioms
5. Poetic devices
6. Antonyms
7. Synonyms
8. Prose and Fiction
9. Determiners
10. Finite and non finite
11. Active and Passive voices
12. Formal and informal letters
13. Types of poems
14. Types of story
15. American words
16. Phrases

Note: - Present the holiday assignment in a folder, using A4 size sheets

HINDI

1. निम्नलिखित विषयों में से किसी एक पर अनुच्छेद लिखिए।

1. अंधविश्वासों से ग्रसित भारतीय समाज

2. ट्रैफिक जाम में फँसा मैं

3. यात्रा जिसे मैं भूल नहीं पाता

4. मेरा प्रिय खिलाड़ी

2. निम्नलिखित विषयों में से किसी एक पर संवाद लिखिए।

1. ''दुनिया में भुखमरी और कुपोषण'' विषय पर अपने मित्र के साथ संवाद।

2. पुत्री द्वारा बनाए गए चित्र को लेकर माँ–पुत्री के बीच संवाद।

3. समाचार –पत्र का महत्त्व बताते हुए पिता–पुत्र के बीच सवाद।

3. निम्नलिखित विषयों में से किसी एक पर विज्ञापन तैयार कीजिए।

1. 'पृथ्वी दिवस' पर बेहतर भविष्य बनाने हेतु 25–50 शब्दों।

2. किसी शीतल पेय की बिक्री बढ़ने हेतु 25–50 शब्दों।

3. अंग्रेजी़ क्लासेस हेतु 25–50 शब्दों।

4. जल संकट से उत्पन्न कठिनाइयोंका वर्णन करते हुए जल बोर्ड के निर्देशक को पत्र कीजिए।

5. 'दुख का अधिकार' पाठ में हमारी किन कुरीतियों और कुसंस्कारों की ओर संकेत किया है?

MATHS

Q.1. Represent $\frac{8}{9}$ and $\frac{-8}{9}$ on the number line.

Q.2. Insert 100 rational numbers between $\frac{-3}{13}$ and $\frac{9}{13}$.

Q.3. Find the decimal representation of $\frac{-16}{45}$.

Q.4. Convert the following decimal number in the form $\frac{p}{q}$.

(a) $5.\overline{2}$ (b) $23.\overline{43}$

Q.5. Show that $0.2353535\ldots=0.2\overline{35}$ can be expressed in the form $\frac{p}{q}$, where p and q are integers and q≠0.

Q.6. Examine, whether the following numbers are rational or irrational:

(i) $(\sqrt{2}+2)^2$ (ii) $(5+\sqrt{5})(5-\sqrt{5})$ (iii) $\frac{6}{2\sqrt{3}}$

Q.7. Find two irrational numbers lying between $\sqrt{2}$ and $\sqrt{3}$.

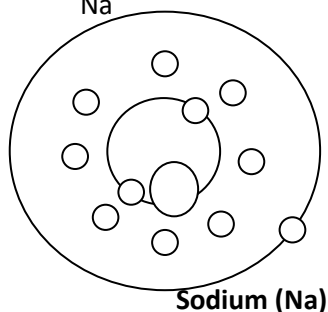Q.8. Prove that $\sqrt{3}-\sqrt{2}$ is an irrational number.

SCIENCE-(Chemistry)
Worksheet on Electronic Configuration & Draw

- Write electronic configurations, of following atoms with proper steps.
- Steps to write electronic configuration
  1. Write the symbol of atom.
  2. Write the atomic number of atom.
  3. Write the electronic configuration of atom
  4. Draw the structure.
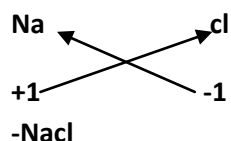
For: Eg:- Electronic configuration of sodium

Name of Element	Symbol	Atomic Number	Electronic configuration
Sodium	Na	11	2 , 8, 1

Sodium (Na)

1. Chlorine	2. Potassium	3. Neon	4.Oxygen	5.Fluorine
6. Magnesium	7. Aluminum	8. Beryllium	9. Carbon	10.Nitrogen

Q.2. Write chemical formulae of following compounds with proper steps. (Steps to write chemical formula)

  1. Write symbol of atom.
  2. Write valency of each atom
  3. Cross Multiply

For Eg:- Sodium chloride

Na ⟶ cl

+1 ⟶ -1

-Nacl

1. Ammonium Chloride	2. Hydrogen Chloride	3. Magnesium Sulphate
4. Sodium Hydroxide	5. Silver Nitrate	6. Aluminum Sulphate
7. Potassium Chloride	8. Hydrogen Sulphide	
9. Hydrogen Sulphate	10. Calcium Hydroxide	

SCIENCE – Biology

Project: Make a file of following diagrams

1. Mitochondria
2. Nucleus
3. Chloroplast
4. Ribosome
5. Endoplasmic Reticulum 3
6. Golgi Apparatus
7. Plant Cell
8. Animal Cell

Note: Diagram should be clear and well labelled. Draw all the diagrams in A4 Size paper.

PHYSICS - Chapter: Motion in Straight line

1. Justify the statement "Motion is a relative term" by giving some real life example.
2. Write the two points of differences between Scalar and Vector Quantity.
3. Identify the kind of motion in the following cases:

    (i) A car moving with constant speed turning around a curve.

    (ii) An electron orbiting around nucleus.
4. Draw the position time graph for a body moving in uniform and non uniform motion.
5. Write two points of differences between distance and displacement.

SOCIAL STUDIES

Every student has to compulsorily undertake one project on disaster management

Objectives: the main objectives of giving project work on Disaster management to the students are to

a. Create awareness in them about different disaster ,their consequence and management
b. Prepare them in advance to face such situations
c. Ensure their participation in disaster mitigation plans
d. Enable them to create awareness and preparedness among the community

Earthquake, volcanic eruption, landslide, flood, drought, chemical and biological, terrorism war etc

S.no	Aspects	Marks
(a)	Content, accuracy, originally	2
(b)	Presentation and creativity	2
(c)	Viva voce	1

Learn chapter 1 geography and chapter 1 economics

Poster making

Save forest, save water, and consumer right, social issues, save earth

COMPUTER

Q.1.   Write the Answers of all the questions given in the PART-A of your book.

Q.2.   Make Presentations on -
  ➢ Characteristics of a computer.
  ➢ Applications of computes.
  ➢ A computer system and its functions.

Q.3.   A teacher has asked Juhi to write an informal letter to her friend and mention the type of text alignment used in every line. Help her to complete the assignment.