

Bud's Paradise Sec. School

Summer Vacation Holiday Homework

Class-8

ENGLISH

Learning skills

Learn complete syllabus of PA-1 and do practice of your grammar skills throughout the holidays

CREATIVE AND READING SKILLS

For roll no. 1-15

Make a display card on (A-4 size) sheet

Paste the picture of any one of the following authors: Rabindranath Tagore ,Ruskin Bond and William Shakespeare. Below it provides the following information about the author.

- a. Date of birth
- b. Popular work
- c. Awards received

For roll no.16-31

Create your own newspaper.

Make a newspaper consisting of four pages it should have National and international news, sports news, weather news and a few advertisements. It can be done on any paper of your choice.

For roll no. 31 and above

Story study choice board- Read an interview with Milkha Singh and flying home and create a board covering the following points

- **Knowledge:** five vocabulary words that you found interesting. Why did you choose those words?
- **Comprehension:** write summary of the story you have read
- **Application:** create a conversation between two characters of a book
- **Analysis:** compare two characters of your story.

Writing skills

Q1. Identify the prepositions in the following sentences.

- a. I went to a lovely Christmas party.
- b. The death of 40 jawans was shocking
- c. He lives in a village in Ranikhet.
- d. She got a new guest in her house.
- e. It is very humid in the Summer.
- f. She gave a rose to her mother.
- g. He was preparing for his examination.

- h. He used to visit his friend in the hospital every evening.
- i. The land of the Bisnois in Rajasthan is known for the conservation of wildlife.
- j. Large numbers of otters are found in the marshes near Basra, a town in Iraq.

Q2. Complete the sentences with the correct determiner.

- a. _____ of us went to the market.
- b. He asked _____ question related to the topic.
- c. _____ answer to the problem was simple.
- d. We didn't have _____ time to finish the project.
- e. I have _____ idea what she is talking about.
- f. _____ student needs to complete their assignment.
- g. I bought _____ shoes yesterday.
- h. _____ of the staff members were present at the meeting.
- i. There is _____ chair in the room.
- j. _____ money was spent on the new equipment.

Q3. Read the beginning of the story given below and complete it in 150 words. Give the story a suitable title.

A man of 92 years, short, very well-preserved who takes great care of his appearance, is moving into an old people's home today. His 70-years old wife has recently died, and he is obliged to leave his home. After waiting several hours in the retirement home lobby, he gently smiles as he is told that his room is ready. As he slowly walks to the elevator.....

Q4. You purchased a colour television from M/s Diamond Electronics, Bhagirath Palace, New Delhi. Since the television is now not working properly, write an e-mail to the company asking for its replacement immediately.

हिंदी

- 1) 'मनुज को खोज निकालो कविता याद करो तथा भावार्थ स्पष्ट करके कॉपी में लिखो।
- 2) प्रेमचंद का चित्र कॉपी में चिपका कर उनका जीवन परिचय लिखें तथा 'नमक का दरोगा' कहानी पढ़कर इसका सारांश भी लिखें।
- 3) परीक्षा के दिन विषय 150 शब्दों में अनुच्छेद लिखिए।
- 4) अपने छोटे भाई को परीक्षा का डर कम करने हेतु एक पत्र लिखिए।
- 5) क्या आपको किसी गांव में जाने का अवसर मिला है आपका उत्तर यदि हां है तो उस गांव की विशेषताओं का पता लगाइए और अपने मित्र को पत्र लिखकर जानकारी दीजिए।
- 6) निम्नलिखित शब्दों का वर्ण विच्छेद कीजिए-

कर्तव्य, परीक्षा, गृह कार्य, कान्हा, श्रमिक

7) निम्नलिखित व्यंजनों के संयोग से बनने वाले दो दो शब्द बनाइए- च्च, म्म , क्क, त्त, म्य ,
स्त, ग्य ,द्ध

8) उत्पत्ति के आधार पर शब्दों को कितने वर्गों में बांटा गया है प्रत्येक का नाम लिखकर उनके पांच पांच शब्द लिखो।

9) नीचे दिए शब्दों में से उपसर्ग और मूल शब्द अलग करके लिखिए-

अनिच्छा, उपशब्द, विजय ,दुस्साहस, सचेत, नादान ,खुश मिजाज ,पुनर्जन्म, हेडमास्टर, लाजवाब

10) निम्नलिखित प्रत्यय जोड़कर तीन-तीन शब्द बनाइए-

आवट, आपा, अक्खड़, इया, इक, आनी

11) निम्नलिखित शब्दों का लिंग बदलिए-

वर, महोदया, तपस्विनी साम्राज्ञी, कवि, विदुषी

12) निम्नलिखित वाक्यों को शुद्ध कीजिए-

1) दुर्घटना में उसकी टांग टूट गया।

2) हमारी बहन बहुत अच्छी हैं।

3) मालिनी ने दौड़ में दो पदक जीता।

4) हमारे विद्यालय में अभिनेत्री आ रहा है।

5) राम ने सोने का अंगूठी पहनी है।

13) निम्नलिखित वाक्यों को बहुवचन में बदलकर दोबारा लिखिए-

MATHEMATICS

1. Learn and write Square and square roots from 1 to 30 and cube and cube roots from 1 to 20.

2. Prepare a chart of any one Mathematician with the photo and write 5 lines about him.

3. Do all word problems only from ch-1 to 3

4. Prepare a file on topic as directed below

Sec A- Rational Numbers

Sec B- Exponents

Sec C- Squares and Squares roots

SOCIAL SCIENCE

Activity work: Every student must do their activity work according to roll number.

1. Make a chart or table that classifies at least 15 items into: Natural Resources, Human- made Resources, Human Resources Use pictures/drawings and examples for each type. Add at least

one example for each resource that is renewable and one that is non-renewable. (Roll No. 1 – 10).

2. Create a poster on the importance of conserving resources. Include a catchy slogan (self-created, not copied). Use drawings, colour, and relevant symbols (like trees, water drops, recycling signs). (Roll No. 11 – 20)
3. Create a chart or poster showcasing the major types of natural vegetation (e.g. Tropical Rainforests, Desert Vegetation, Grasslands, Tundra, etc.). For each type, include: One region where it is found, two plant species, One human use or threat to that vegetation. Add coloured pictures or illustrations. (Roll No. 21 – 30)
4. Write the Preamble to the Constitution on a chart or A3 sheet. Highlight key words like: Sovereign, Socialist, Secular, Democratic, Republic, Justice, Liberty, Equality, and Fraternity. Create drawings or symbols to show what each of these terms means. Add a brief paragraph explaining why the Preamble is important. (Roll No. 31 – 40).
5. Create a small booklet or timeline showing the key events in the making of the Indian Constitution: 1934: Idea of Constituent Assembly, 1946: Assembly formation, 1947: Drafting begins, 1949: Constitution adopted, 1950: Constitution comes into effect. Include photos/drawings of Dr. B.R. Ambedkar, Jawaharlal Nehru, and the Assembly. (Roll No. 41 – 50)
6. Research and write on A3 sheet about: Key causes of the Industrial Revolution. Major changes it brought to society, economy, and technology. Its impact on the modern world. (Roll No. 51- 60)

Mapwork: Complete this in the map workbook. (My amazing books of map)

1. Hydel power project (Page no 34-35).
2. Routes to India in the Eighteenth Century (Page no 74-75).
3. India: 1705 AD – European Companies (Page no 76 – 77).

Worksheet

A. Fill in the blanks:

1. The constitution as a social document as observed by _____.
2. _____ are necessary to maintain order in a society.
3. The term _____ the activities falling outside an organization's authority.
4. The second draft of the constitution was adopted on _____.
5. _____ is loamy and fertile only in the deep depression.
6. The practice of growing flowers, fruits and vegetables is called _____.
7. _____ first arrived in the India at Calicut in 1498.
8. The Dutch establish 'The Dutch east India company' in _____.
9. _____ is the turning point in the modern world history.
10. _____ system in which production and distribution are controlled by few persons.
11. The industrial revolution begins from _____.
12. _____ means drastic change in the system.

B. Answer the following questions:

1. What do you mean by term 'Ultra wires' ?
2. Write a short note on a.) Dowry system b.) Salt satyagrah.
3. Write the role of constitution in our life?
4. What is Intensive farming?
5. Why is it necessary to conserve our resources?
6. Write down the different types of land resources?
7. Why did we need multi-purpose river valley project?
8. How did the industrial revolution give rise to imperialism?
9. What are the sources of history of modern India?
10. Discuss the changes that took place during the French revolution?
11. What are the reasons for the growth of British power?
12. What is the importance of Anglo Sikh treaty of 1806?

C. Read the following paragraph and answers the questions that follow. (Evidence based)

Portuguese were the first to arrive in India. They captured Goa and made it their capital. They did not tolerate any faith but their own and did not allow any Hindu temple in Goa. They encouraged mixed marriage between Portuguese men and Indian Women.

Q1. Which of the following options best explains the paragraph?

- a) They liked Indian Culture and society.
- b) They wanted to create a loyal breed with Portuguese blood.
- c) They wanted Portuguese dominance over the society.
- d) They wanted to spread their faith.

SCIENCE

Lightning Worksheet

Section A: One Word Answers

- i. Name the electrical discharge that occurs between clouds.
- ii. What is the temperature of a lightning stroke?
- iii. Which metal is commonly used in lightning conductors?
- iv. Name the instrument used to study lightning.
- v. What causes the sound of thunder?
- vi. Who invented the lightning rod?
- vii. Name the charged particles present in clouds.
- viii. What is the safest place during a thunderstorm?
- ix. How fast does lightning travel?
- x. What does a lightning conductor do to electrical charge?

Section B: Short Questions

- i. How is lightning produced?
- ii. Why should you not stand under a tree during a thunderstorm?
- iii. How does a lightning conductor work?
- iv. What causes the bright flash during lightning?
- v. Why is rubber considered a good insulator during lightning?
- vi. Why does lightning occur more frequently during rainy seasons?
- vii. What precautions should you take during a thunderstorm?
- viii. How does lightning affect electronic devices?
- ix. Why do tall buildings need lightning conductors?
- x. How can you calculate the distance of a lightning strike?

Q.1 Learn the syllabus of PA 1 during summer holidays.

Q.2 Solve the worksheets provided in your class notebook.

Q.3 Make an assignment file on earthquakes including the given sub topic.

- i. What is earthquake
- ii. It's causes
- iii. Fault zones in India
- iv. Effect
- v. Protection

Q.4 3D Project Models:

- Roll no. 1-15
Irrigation Methods Diorama: Build a small model farm showing different irrigation methods (drip, sprinkler, canal) using simple materials like straws, bottles, and clay.
- Roll no. 16-30
Crop Rotation Wheel: Design a rotating wheel chart showing crop rotation cycles and their benefits across seasons for a specific region.
- Roll no. 31-45
Safe Shelter Display: Design a model showing safe vs. unsafe places during thunderstorms with explanations of why certain locations are dangerous.
- Roll no. 45 and above
Nitrogen Cycle Diorama: Create a 3D model showing the role of microorganisms in the nitrogen cycle and their importance to plant growth.

Crop Production and Management

Worksheet

Section A: One word Answers

1. Name the process of loosening and turning soil.
2. What is the practice of growing different crops in succession called?
3. Name one kharif crop.
4. Name one rabi crop.
5. What do we call the process of removing weeds from a field?
6. Write the name of a chemical that kills pests.
7. Name a traditional tool used for harvesting.
8. What is the removal of chaff from grain called?
9. Name one nitrogen-fixing crop.
10. Write the name of a tool used for removing weeds manually.

Microorganisms: Friend and Foe

Worksheet

Section A: One Word Answers

Name the scientist who discovered penicillin.

1. What do we call microorganisms that cause diseases?
2. Name one disease caused by a virus.
3. Which microorganism is used to make curd?
4. Name the process of conversion of sugar into alcohol.
5. What are the disease-causing microorganisms called?
6. Name one nitrogen-fixing bacteria.
7. Which microorganism causes malaria?
8. Name the process that preserves food by removing moisture.
9. What is the process of adding preservatives to food called?
10. Section B: Short/Very Short Questions
11. How do antibiotics work?
12. Name two diseases caused by bacteria.
13. How are viruses different from bacteria?
14. List two ways microorganisms help in food production.
15. What are the methods used to preserve food?
16. How do microorganisms help in cleaning the environment?
17. What is the role of yeast in baking?
18. How does vaccination protect us from diseases?
19. Name two waterborne diseases and their causative microorganisms.
20. How are microorganisms beneficial in agriculture?

COMPUTER

Q1. Create a database in MS access to manage student information. Design tables for student details ,class and section , phone number, address, father's names(Any 6 Field) . Enter sample data and create forms for data entry . And take a print out and submit it.

Q2. Write any 15 shortcut keys on A-4 size sheet.

Q3. Create a PowerPoint presentation on any one topic :-

i) Computer languages or AI

ii) Anyone topic of your choice related to your science book

iii) Anyone topic related to your SST Book

Guidelines for the presentation are given below:-

i) There should be at least five slides in the presentation, including a title slide .

ii) Apply a custom theme, colors and fonts to the presentation .

iii) Presentation must include at least one (video ,chart,image, text box, 3D model, smart art)

iv) Save the presentation with the file name 'your name_class_roll number'.

GENERAL KNOWLEDGE

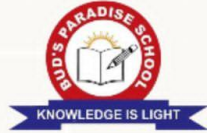
1) Read a newspaper daily and cut five news headlines and paste in your holiday home copy.

2) Find and write five current affairs questions.(Daily)

संस्कृत

पांच योगासन का चित्र बनाकर उनका महत्व बताइए A3 size sheet पर

दस पुलिंग शब्द और दस स्त्रीलिंग शब्दों को A3 size sheet पर लिखें



DRAWING HOLIDAY HOMEWORK

Make a Beautiful picture of your favourite cartoon using quilting art.

