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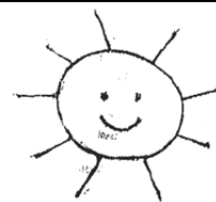
Summer Vacation Home Work (2025-26)

Class: VII



Hurrah!

Break Time.....



General Instructions:

- Do your holidays homework in a very neat and tidy manner.
- Do the written work in a separate Notebook.
- Parents should converse most of the time in English with their wards.
- The submission date for the homework for English & Maths is **04/07/2025**.
- The submission date for the homework for Hindi & Science is **05/07/2025**.
- The submission date for the homework for Social Science & Art & Craft is **07/07/2025**.
- The submission date for the homework of IT & GK is **08/07/2025**.



English

A. Project Work

Roll no. 1 to 10

Thematic Vocabulary Chart

Objective: Learn topic-specific vocabulary.

Instructions:

- * Choose any 3 themes (e.g., Weather, Emotions, Food).
- * For each theme, list 10 relevant words.
- * Write the meaning and a sentence for each.

Decorate the chart with drawings or printed images.

Roll No 11 to 20

Make an Idioms Sketchbook

Objective: Learn idiomatic expressions through art.

Instructions:

- * Select 10 common idioms (e.g., "spill the beans", "a piece of cake").
- * Write their meanings and use them in sentences.
- * Write literal and actual meaning of them & pictures for each in scrapbook.

Roll no 21 onwards

My English Word Wall”

Objective: Create a personal vocabulary space.

Instructions:

* On a chart paper, create sections like Adjectives, Verbs, Nouns, etc.

* Fill in 5–10 interesting words under each.

* Add their meanings and use them in your own sentences.

B. Find and list 5 new words related to nitrogen and its uses. Write their meanings and use each word in a sentence.

C. Writing- Do the following notice in your English Notebook

1. You have lost your pencil box in the school playground during recess. Draft a notice for the school notice board providing the necessary details. You are Rohan/Rohini of Class 7A.

2. As the Class Monitor of 7C, write a notice informing your classmates about an educational trip to a science exhibition. Include the date, time, fee, and last date to submit consent forms.

D. Literature- Learn Unit 1 Chapter 1 (The Day The River Spoke) and Unit 1 Chapter-2(Try Again), Read Chapter Thoroughly and Identify all Parts of speech from the Chapter.

E. Grammar- Do worksheet on Parts of Speech and Tenses

Hindi

- व्याकरण पुष्प पुस्तक से पहले 15 पर्यायवाची शब्द ,15 अनेकार्थक शब्द ,15 विलोम शब्द 15 एकार्थी प्रतीत होने वाले शब्द 15 अनेक शब्दों के लिए एक शब्द 10 उपसर्ग शब्दों से अपनी स्वयं द्वारा बनाई गई मेरी व्याकरण पुस्तक नाम से पुस्तक तैयार कीजिए ।
- अनुक्रमांक 1 से 10 नाइट्रोजन चक्र को दर्शाते हुए A4 शीट पर सुंदर पोस्टर बनाइए।
- अनुक्रमांक 11 से 20 नाइट्रोजन गैस का महत्व विषय पर अनुच्छेद लिखिए ।
- अनुक्रमांक 21 से 30 बाल महाभारत के किन्हीं दो चरित्र (व्यक्तियों)के विषय में चित्र सहित बताइए जिन्होंने आपको प्रभावित किया है । A4 sheet पर
- कविता (फूल और कांटा)को A4 Sheet पर सुंदर अक्षरों में चित्रों सहित लिखिए । अनुक्रमांक 31 से अंतिम ।
- नोट : -सभी विद्यार्थी हिंदी पुस्तिका मल्हार पाठ 1 माँ कह एक कहानी , पाठ 2 तीन बुद्धिमान और व्याकरण कार्य का दोहरान कार्य कीजिए कक्षा परीक्षाओं हेतु ।
- पाठ्य पुस्तक बाल महाभारत पाठ 1 से 5 तक पढ़िए ।

Sanskrit

*नाइट्रोजन चक्र को सुंदर चित्र द्वारा प्रस्तुत कीजिए ।

- 1 – कक्षा कक्ष में करवाए गए पाठ- 1 वन्दे भारतमातरम् और पाठ 2 नित्यं पिबामः सुभाषितरसम् के शब्दार्थ, हिन्दी अर्थ व अभ्यास याद कीजिए।

- 2 – संस्कृत व्याकरण- धातुरूप चर् लट्, लृट् लकारः , धातु रूप भू लट् लकारः , अस् धातु लट् लकारः , इष् धातु लट् लकारः शब्दरूप – मति (इकारान्त स्त्रीलिङ्ग) व एतत् (पुल्लिङ्ग) , संख्यावाचक शब्दाः (1 से 75) व अवकाशार्थ प्रार्थनापत्र याद कीजिए।
- 3 – संस्कृत भाषा के उच्चारण – सुधार हेतु संस्कृत पाठ्यपुस्तक दीपकम् का प्रतिदिन एक पेज पढ़िए।
- 4 – दिए गए उपविषयों पर रोल नं. अनुसार चार्ट बनाइए –
 रोल नं. 1 से 10 -जीवन उपयोगी दो श्लोक A3 शीट पर लिखकर याद कीजिए ।
 *रोल नं. 11 से 20 – नैतिक मूल्यों पर आधारित दो श्लोक A3 शीट पर लिखकर याद कीजिए।
 * रोल नं 21 से अन्तिम – विद्या की महिमा से संबंधित दो श्लोक A3 शीट पर लिखकर याद कीजिए ।

Maths

Practice Work

- Revise the following chapters with the help of Allen Foundation -1 in Practice Notebook.

Chapter 1 Integers

Chapter 2 Fractions

Chapter 3 Decimals

There will be a test of these chapters after Summer break .

- Do Exercise # 1 and # 2 of chapters 1(Integers), Chapter 2 (Fractions) and Chapter 3 (Decimals) in Allen's book .
- Write and learn Tables upto 20 in Practice Notebook.(3 times)

Project/ Model Work

- Prepare a working model on addition and subtraction of integers.(Roll no 1-10)
- Prepare a Robot using 2D and 3D shapes.(Roll no 11 to 20)
- Prepare a model on Fractions (Roll no 20-30)
- Prepare a model on Lines and Angles (Roll no 30 onwards).
- Explore about the good and most hazardous forms of Nitrogen and draw a Circle Graph on a chart paper showing its Natural and Human Sources.

Science

1. Revise syllabus done till date
 - Ch- Nutrition in Plants(Biology)
 - Ch- Acids, Bases and Salts(Chemistry)
 - Ch- Nutrition in Animals(Biology)
2. Project Work
 - Roll No (1 to 5)- *Model of Venus Flytrap*-(Students can use materials like Cardboard or foam board (for leaves),Hinges or flexible material (for joint),small sticks etc to explain mechanism of capturing insects and it's growth in nitrogen deficient soil.

- Roll No (6 to 10)- *Newton's Disc Working Model*:Students can use Cardboard or plastic disc,Color sectors (red, orange, yellow, green, blue, indigo, violet),Motor or spinning mechanism to explain the composition of white light into its constituent colors.
- Roll No (11 to 15)-*Model of root nodule of Leguminous Plants* :Students can use Clay or play dough (for nodules),Cardboard or foam board (for root structure) to explain to explain nitrogen fixation and symbiotic relationship.)
- Roll No (16 to 20)-*Model of Human Digestive System*:Students can use Cardboard or foam board, Tubing or pipes,Small containers or bags,Labels (mouth, esophagus, stomach, small intestine, large intestine) to explain digestive enzymes and the importance of each organ in the digestive process.
- Roll No (21 to 25)-*Hydraulic Arm Project*: Construct a hydraulic arm using syringes, tubes, and water to demonstrate the principles of hydraulics. Students can design and build a functioning arm that can lift and manipulate objects using hydraulic pressure.
- Roll No (26 to 30)-*Water Purification working Model*:
Students can use materials like
Sand,Gravel, Activated charcoal,Cotton or filter paper,
Water containers to explain basic principles of water purification and filtration.
- Roll No (31 to 35)-*Working Model of wind Turbine*:Students can use
Materials like Blades (plastic or cardboard),DC motor (as generator),LED light or small fan to explain conversion of wind energy into electrical energy.
- Roll No (36 onwards)-*Rain Detector Alarm: Students can use materials like Rain Sensor Alarm Circuit, Battery or solar panel to explain benefits of rain detector alarm.

Social Science

1. Revise the whole syllabus covered till now.
 - Chapter -1 Geographical Diversity In India
 - Chapter -4 New Beginning : Cities and States
 - Chapter -8 How The Land Become Sacred?
 - Chapter -9 Types Of Government
2. Read the Chapters thoroughly and find out 5-5 MCQs from each Chapter.
3. Make an info graphic chart highlighting the significance of any 5 sacred Places/ Pilgrimage Sites that you have visited or explored.
4. Make a chart on the Composition of Atmosphere and the role of nitrogen in maintaining atmospheric pressure.
5. Represent countries on world political map showcasing different forms of government like Monarchy, Democracy , Dictatorship, Theocracy and Oligocracy (2 countries each).

6. Prepare a model on:

- Electronic Voting Machine (Roll no 1-18)
- Democracy vs Dictatorship (Roll no 18 onwards)

7. Map work :

- States and Capitals of India
- World Map showing the Continents & Oceans
- Major Rivers of India – Brahmaputra, Satluj, Ganga, Yamuna, Narmada, Mahanadi, Tapi, Godavari, Krishna, Kaveri.
- Physical Division Of India – Refer to Pg 274 of NCERT Book.
(Paste 3-3 maps of each in fair notebook)

AI

1) * Learn Ch- 1,2,3

* Prepare a chart on topics :-

Draw symbols of flowchart along with their names or purpose and example (page 19)

Roll no. 1 -10

Draw arithmetic operator table with sign and purpose (page 72) Roll no. 11- 20

Draw Google drive icons pictures and write their purpose Roll no. 21-30

Draw Types of cursor pictures and write their purpose Roll no 31 onwards

• Prepare a model on :-

Monitor Roll no 1-10

Speakers Roll no. 11-20

Computer Full Forms(any10) Roll no. 21-30

Web camera Roll no 31 onwards

• Prepare a PPT on the topic “Nitrogen applications in agriculture and industry “ and share it on hhw.jwcrtk@gmail.com

GK

1. Learn Chapters that we did in classroom.

- a. Mahabharat
- b. Bharat : General Information
- c. National Symbols of India
- d. Ramayana
- e. Current Affairs

2. Find 25 current affairs of month of June and write it in separate notebook

3. Activity/Project

- Make a project / Wall hanging showing National symbols of India.(Roll No. 1 -18)
- Make a info graphic chart on Diversity Of India.(Roll no.18 onwards)

4. Make a chart showing Hindu Festivals of India
5. Create a poster illustrating the nitrogen cycle, the importance, and its impact on the environment.

Art and craft

1. Nitrogen's Importance in Agriculture .(Make a poster)
2. Draw Madhubani Art and complete with the beautiful colours.
3. Draw a sketch of any famous Personality.
4. Make this beautiful worli art

<https://www.instagram.com/reel/C6tQ9NHPife/?igsh=ZGhuMXAxdXV3bjlv>

Note: # Size for art work (A-3 sheet)

Use any type of colours.