



Gems Akademia

International School

SUMMER HOLIDAY HOMEWORK

GRADE VII

SESSION: 2022- 2023

ENGLISH LANGUAGE

As a member of the Nature club in your school, prepare a poster to create awareness on the need to save ocean life.

ENGLISH LITERATURE

Choose any short story by Ruskin Bond for reading. Based on the story, complete the following tasks.

**Task-1- A book cover based on the short story has to be designed.
Caricatures/cartoons/drawings can also be used. Ensure that the drawings reflect or relate to the short story.**

Task-2- Prepare a chart and write down at least 10 verbs from the assigned story and write the noun forms of the same. Also, add some new words from the story to the chart with their meanings

Task-3- Prepare a story map/ flow chart of the story according to your understanding. The story map should include the plot, setting, names of the characters, ending and what you liked the most about the story. You can use your creativity and design your own map.

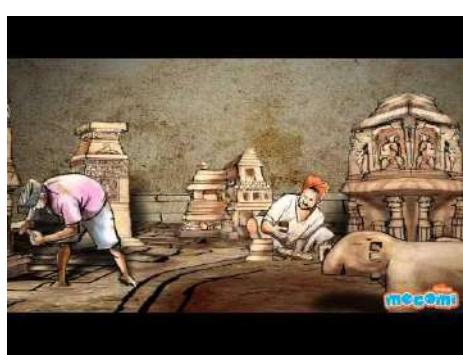
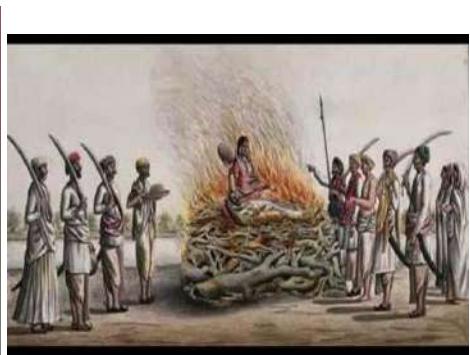
SECOND LANGUAGE

HINDI

- ❖ **DO YOUR SUMMER HOLIDAY HOMEWORK IN A SCRAP BOOK.**
- ❖ **YOU CAN USE COLOUR PENS EXCEPT RED COLOUR**
- ❖ **YOU CAN DECORATE YOUR SCRAP BOOK IF YOU WANT.**
- ❖ **KINDLY DON'T USE STAPLE PINS.**

- ❖ MAKE INDEX OR CONTENT IN FIRST PAGE.(SLNO., TOPIC, PAGE NO, REMARKS)
- ❖ MENTION CONCLUSION/ LESSON AT THE LAST PAGE.

- दहेज प्रथा और सती प्रथा के बारे में सृजनात्मक लेख लिखें I (१५० वाक्य)
- वैदिक काल क्या है और उनके दो भेदों का नाम लिखें? धर्मों का विभाजन पर अपनी टिप्पणियों के साथ व्याख्या करें I
- स्वयं के कहानी का निर्माण करें I (Kindly do not copy, just construct a Hindi story of your own in Hindi)



BENGALI

তুমি কোন বৃদ্ধ-বৃদ্ধা বা অতিথি বা কোন অনাথ শিশু বা কোন অসহায় মানুষকে সাহায্য করেছ সে ঘটনাটি বর্ণনা করো এবং সাহায্যের পরে তোমার কেমন অনুভূতি হল ১৫০টি শব্দের মধ্যে লেখ।

(এই সাহায্য অর্থ দিয়ে হতে পারে, শিক্ষাদান হতে পারে বা অন্য কোন দানও হতে পারে) ব্যাকরণ খাতায় লিখবে। কাজটি যে তুমি করেছ, তার কোন ছবিও দিতে পারো।

L3

HINDI

'हिमालय ' कविता को सुंदर शब्दों में लिखिए तथा उससे सम्बंधित चित्र बनाइए | आप अपना कार्य हिंदी कॉपी में करेंगे |

BENGALI

একটি চার্ট পেপারে তিনটি খোপ তৈরি করো, বইয়ে নেই ৬টি করে এমন ঘ-ফলা, র-ফলা ও রেফ যুক্ত শব্দ লেখ।

SPANISH

Chart work on famous travel destinations in Spain.

FRENCH

A PPT on "A famous monument of France"

The students will make a small PPT on the topic and will upload it in the Google classroom.

MATHEMATICS

****students are expected to do any one of the two projects**

(a) Project name: Multiplication clock of integers

(Use materials available at home)

What to do: Children will cut two big circles and one small circle. Then take a small button. After that take a sharp bending pin. Attach all the circles one after another then place the small one. Attach these circles with that button and sharp pin by piercing it to the circles. Now cut two parts of the large circle. In that two cut positions put numeric values. one is the number and the other is the resultant. And at the middle of circles write the negative numbers like -2 and write the table of -2. Continue these above steps to form a table like -4, -5, -6 etc. Students can make the project by using chart paper or by colouring the normal paper also.

OR

(b) Project name: Know your numbers

Description: Classify the numbers and make and make a detailed chart.

Classification :

(1) Real numbers (Whole numbers and fractions both positive and negative, Rational numbers, irrational numbers)

(2)Imaginary number

*****examples in each case.**

Complementary model: Making a dice painting faces with different colours and naming them with different kinds of numbers. (Use materials available at home)

Worksheet of Holiday homework attached below.

Mathematics Worksheet.

1) Evaluate:

i) $4 \times (-6) \times (-8)$

ii) $(-2) \times 4 \times (-6) \times 8$

iii) $42 \div 7 + 4$

iv) $37 \times \{8 + (-3)\}$

2) Determine the integer whose product with '-1' is:

i) 63

ii) -1

iii) 0

iv) 8

3) Divide:

i) $(-234) \div 13$

ii) $117 \div (-9)$

4) A man bought 3 3/4kg of wheat and 2 1/2kg of rice. Find the total weight of wheat and rice bought.

5) What number should be added to $8 \frac{2}{3}$ to get $12 \frac{5}{6}$?

6) After going $\frac{3}{4}$ of my journey, I find that I have covered 16km. How much journey is still left?

7) Divide:

- i) **54.9 by 10**
- ii) **7.8 by 100**
- iii) **12.8 by 4**
- iv) **27.918 by 9**

8) Multiply each number by 10 & 100:

- i) **0.5**
- ii) **0.112**
- iii) **4.8**
- iv) **16.27**

9) Evaluate:

- i) **$9.75 \div 5$**
- ii) **$20.64 \div 16$**

10) The cost of a pen is ₹56.15. Find the cost of 16 such pens.

PHYSICS

1. Take any big leaf of your choice and calculate the area of the lamina of that leaf with help of a graph paper.
2. Attach the graph paper in your copy and show the calculation.

[Help Note: <https://www.youtube.com/watch?v=YdXqUWZY0IY>]

CHEMISTRY

3. State one experiment to prove that air
 - i) Has mass
 - ii) Occupies space
 - iii) Physically tangible.

Describe the material required, steps of experiment, observation and conclusion in your copy and take clear images of your experiment and attach them in the copy.

[Help Note: <https://www.youtube.com/watch?v=1syeSEo8YQU>]

BIOLOGY

- 1) Design a power point presentation on Animal Tissues.**
 - Classify Animal Tissues in a tabular form.
 - Write about the Structure and at least two Location and Function of each tissue.
 - Give suitable identifying image for each tissue.
- 2) Prepare herbarium with the following:**
 - A monocot plant
 - A dicot plant
- 3) Draw an organism belonging to the each of the following phylum:**
 - Porifera
 - Cnidaria
 - Platyhelminthes
 - Nemathelminthes
 - Annelida
 - Arthropoda
 - Mollusca
 - Echinodermata

HISTORY

As a responsible citizen of India, state how would you implement the objectives of the Constitution.

GEOGRAPHY

Prepare a project on:

Wildlife Conservation Efforts in India

Include the following in your project:

- What is meant by Wildlife Conservation? Mention the different types.
- Threats to Wildlife.
- Include a case study on the conservation of the Royal Bengal Tiger in the Sunderbans.

- Attach pictures of different endangered and other animals that are in need of protection.
- Insert related maps and other illustrations to make your project informative and interesting.

COMPUTER STUDIES

Topic: Create a PowerPoint presentation on “Cyber-crime”.

The presentation should contain the following points.

- **Definition of Cyber-crime.**
- **Types of cyber-crimes.**
- **Hacking and phishing.**
- **About computer viruses.**
- **Cyber law.**
- **Cyber security.**

Please Note:

- **The Holiday Homework is compulsory.**
- **You need to abide by the instructions and [present your work neatly].**
- **The marks of the project will be added to the Half Yearly Examinations.**
- **The Projects should be submitted to the respective subject teachers by the 20th of June, 2023.**