May 20, 2022

SUMMER HOLIDAY HOMEWORK (2022-23)
CLASS-8

ENGLISH

"Education is the passport to the future, for tomorrow belongs to those who prepare for it today"

Dear Children

All of you must have made plans for a fun filled summer vacation. We wish that you enjoy your long break with your parents, family and friends. Try to utilize your time in such a way that you are able to sharpen your intellect as well as tone up your body by doing exercises.

Read, play and enjoy!

Your English Holidays Homework will be assessed as
Project on the basis of the following criteria:

- Content
- Presentation
- Co-ordination
- Creativity

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

Parents are requested to encourage their ward to read the extra books prescribed by the English Teachers. Activities will be planned based on reading of extra books.

GUIDELINES

- We would suggest parents to encourage their children to complete their assignments early (ideally, before you go for your vacation/trips)
- Parents can best assist the process of learning by providing consistent time and a quiet place for students to complete their homework and by showing a positive interest in it.
- 9Please make sure that your children are in touch with their text books during the vacation. Regular reading and revision must be a part of their daily routine.
- Encourage your child to read as many story books as possible and help them to maintain a personal library. Take them to a book shop and encourage them to choose and buy some books.
- Converse with them in English and acquaint them with new words every day.

I. **Revise the entire syllabus taken up before the summer break.**

II. **Group Activity:**
The students from each class will be divided into groups of 4 each. Each student will do the activity/project work on sheets and assemble the same in a folder. This will be submitted to their respective English eachers.

TOPIC 1 : We can live without love but not without water
(Sustainable Development)

- Make a collage to justify the given topic.
- Your colony had scarcity of water last week and you could not celebrate your birthday because of it. Write a diary entry in 80-100 words expressing your feelings about the same.
- A lot of water can be saved in every household by following a few simple habits like keeping the tap closed while brushing your teeth. Make a poster for your bathroom (to remind yourself and other family members) mentioning at least 5 ways to save water at home.
  • Make a poster of A-4 size showing ways to conserve water.

TOPIC 2: Indian Heritage-Encyclopedia of History
                    (Deshbhakti Curriculum)

•**Make a travel brochure for any one of the following Indian Monuments:**
   a) Hill Forts of Rajasthan b) Sanchi Stupa c) Jim Corbett National park.
   b) You visited one of the Indian Heritage sites and found it deteriorating
      by the tourists. Express your feelings of dismay and distress in a form
      of a diary entry in about 80 to 100 words.

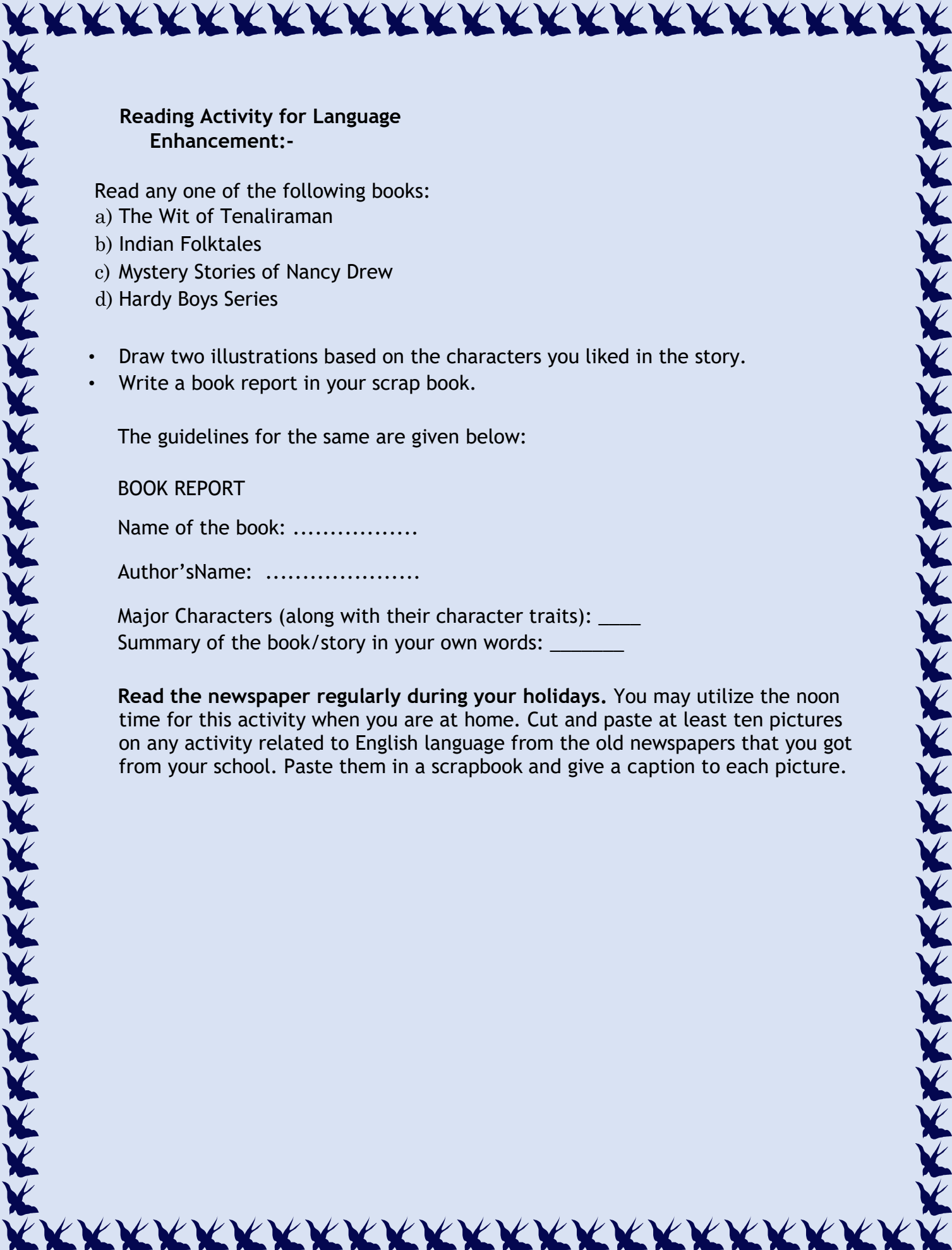•   **Make a poster of A-4 size showing rich heritage of India.**

TOPIC 3- Regard before you discard (Sustainable Development)

English

•Make a comic strip on the waste management depicting a conversation
   between two friends on 3R's using different parts of speech. Underline
   the parts of   speech in each sentence.
•Write a poem on the topic, "Tree Plantation".

•You visited a park in your locality and found that there were no trees.
   .Express your feelings of dismay and distress in a form of a diary entry in
   about 80 to 100 words.
TOPIC 4-Reduce, Reuse, Rejoice (Sustainable Development)

•   Suggest various activities at the following levels to reduce waste:
   ❖ Tips for home
   ❖ Tips for the students at school
   ❖ Tips for the workplace
   ❖ Tips for communities
   ❖ Tips for travel
   ❖ Tips for holidays and events.

•   Make a small wall hanging/ show piece which is made up of waste
   material.
•   Make a poster on A-4 size showing awareness about reducing the waste
   and following the three
   R"s.

Reading Activity for Language Enhancement:-

Read any one of the following books:
a) The Wit of Tenaliraman
b) Indian Folktales
c) Mystery Stories of Nancy Drew
d) Hardy Boys Series

- Draw two illustrations based on the characters you liked in the story.
- Write a book report in your scrap book.

The guidelines for the same are given below:

BOOK REPORT

Name of the book: ....

Author'sName: ....

Major Characters (along with their character traits): _____
Summary of the book/story in your own words: _____

Read the newspaper regularly during your holidays. You may utilize the noon time for this activity when you are at home. Cut and paste at least ten pictures on any activity related to English language from the old newspapers that you got from your school. Paste them in a scrapbook and give a caption to each picture.

कक्षा – VIII

हिन्दी

प्रिय छात्रों आपकी छुट्टियाँ आनन्दमयी हो।
आपको यहाँ जो गृहकार्य दिया गया है उसे A-4 साइज शीट पर सुन्दर लेख में करके स्टिक फोल्डर में छुट्टियों के बाद स्कूल में लेकर आए।

1. दिल्ली में दिल्ली परिवहन निगम द्वारा लो फ्लोर बस, क्लस्टर बस और वातानुकूलित बस सेवा के बारे में अपने माता – पिता या अन्य मित्रों से उनके अनुभव साक्षात्कार के माध्यम से पूछकर फिर उन्हें 60- 70 शब्दों में एक रिपोर्ट के रूप में लिखिए।

2. आए दिन हम टेलीविजन , समाचार - पत्रों में नकारात्मक, अपराध और समाज में फ़ैली बुराईयों से संबंधित घटनाएं देखते व पढ़ते हैं लेकिन इसी समाज में अच्छी बातें भी होती हैं - ऐसी ही किन्हीं पाँच घटनाओं के बारे में जानकारी प्राप्त करके लिखिए जिनसे प्रेरणा मिलती हो |

3. अपने घर के पास किसी पोस्ट ऑफिस जाकर वहां की कार्य प्रणाली संबंधित जानकारी प्राप्त कर 50-60 शब्दों में लिखिए।

4. यू ट्यूब से कबीर के दोहागायन संबंधी वीडियो देखकर ध्यान पूर्वक सुन कर किन्हीं पांच दोहों को उसी सुर - ताल में अभ्यास कीजिये और स्कूल खुलने के बाद कक्षा में सुनाएं।

5. **एक भारत श्रेष्ठ भारत के अंतर्गत :- भारत के स्वतंत्रता संग्राम में शामिल उत्तर प्रदेश और बंगाल के किन्हीं 5-5 क्रांतिकारी, स्वतंत्रता सैनानी का संक्षिप्त जीवन परिचय 50-60 शब्दों में लिखिए।**

हिन्दी शिक्षक
दिनेश कुमार

ग्रीष्मावकाश गृहकार्य- 2022-23
कक्षा-अष्टमी

संस्कृत

नोट- गृहकार्य को A-3 साइज सीट पर सुन्दर लेख में स्टिक फोल्डर में करें।

1. शब्दरूप - साधु,पशु,गुरु उकारान्त पुल्लिंग शब्दरूप लिखिए।

2. धातुरूप - कृ,नम्,पठ्,वद्,क्रीड् धातुओं के लट्,लृट्,लङ् व लोट् लकार में रूप लिखिए ।

3. वसुधा संस्कृत व्याकरण भाग-3 से पृष्ठ संख्या से 141,142 पर प्रदत्त 2 पत्र-पूर्ति करके लिखिए।

4. चित्रवर्णन व्यावहारिक संस्कृत व्याकरण संहिता भाग-3 से पृष्ठ संख्या 149 पर प्रदत्त चित्रों पर आधारित 5-5 वाक्य संस्कृत में लिखें।

5. संस्कृत में अनुवाद करके लिखिए।

I. वह मेरा मित्र है ।   II. हम सब पुस्तक पढ़ते हैं।

III. हम दोनों श्लोक याद करते हैं।   IV. हम सब विद्यालय जाते हो ।

V. तुम सब गायक हो ।   VI. तुम सब घर जाओगे।

 VII. वे सब सुलेख लिखते हैं।   VIII. मेरा भाई खेलता है।

 IX. वह नाटक नहीं करेगा।   X. तुम सब ने कहानी पढी।

 XI. अभिमन्यु दूध पीता है।   XII. तुम सब तालाब में तैरते हो ।

XIII. महिमा और दिव्या घूमती हैं।   XIV. रमा नृत्य करेगी ।

XV. वे दोनों आम खायेंगे   XVI. रमेश गीत खाती है।

संस्कृत अध्यापक
सतीश कुमार

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Holiday Homework

Class VIII

Subject -Maths

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Holiday homework is divided into two parts:

<u>Section A</u> which is based on project on Calendar.

<u>Section B</u> which contains practice questions to be done in practice register.

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SECTION A

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Project Work

Make a creative <u>desk</u> calendar for your study table.

Make a report of the above project on A4 size sheet including following points:

(i) History of calendars.

(ii) Brief description about different types of calendars like Vikram Samvat etc.

(iii) Write interesting facts on the name of months of calendar i.e. why the month January is named January and so on.

(iv) Write names of the months of Hindu calendar along with the names of festivals celebrated in that month like Holi is celebrated in the month of Falgun.

(v) Calendars can be broadly classified into Sun Calendar and Moon Calendar . Which type of calendar do you use when you celebrate your birthday?

(vi) Observe and write various number patterns in the calendar (minimum 3 patterns).
   For example:
   ➢ Take any square of 3x3 on calendar.
   ➢ Find the sum of all numbers in the selected square.
   ➢ Multiply the number at the middle of the square by 9, you will find that this is equal to the sum of all the numbers in the square.

Here, 5+6+7+12+13+14+19+20+21=117. Also 13 x 9 =107.

SECTION B

Q1.Find the smallest number by which 2475 must be multiplied to get a perfect square.

Q2.Find the square root of the following by prime factorization method

(i) 1024 (ii) 8836 (iii) 8464.

Q3.Find the least number which must be added to 4215 to make it a perfect square number. Find the square root of this perfect square number.

Q4.Find the least number which should be subtracted from 984 to make it a perfect square. Also find the square root of this perfect square.

Q5.The area of the square field is 8464 m^2. A man takes 3 round of this field ,find the distance covered by him.

Q6.Find the square root of the following decimal numbers :

(i) 72.25   (ii) 86.49   (iii) 75.69   (iv) 0.16..

Q7. Express 81 as a sum of nine odd numbers.

Q8. How many numbers lie between the squares of the following numbers :

   (i) 15 and 16   (ii) 56 and 57.

Q9. Find the least perfect square number exactly divisible by each one of the following numbers 4 ,5, 10.

Q10. 4096 soldiers are arrange in auditorium in such a manner that there are as many soldiers in a row as there are rows in the auditorium. How many rows are there in the auditorium?

Q11. Divide the number 26244 by the smallest number so that the quotient is a perfect cube . Also find the cube root of the quotient .

Q12. The volume of a cube 512 cubic metres. Find the length of the side of the cube.

Q13. By what number would you multiply 231525 to make it a perfect cube.

Q14. Write cubes of all natural numbers between 1 and 20.

Q15. Write the unit digits of the cube of each of the following numbers:

(i) 31   (ii)109   (iii) 388   (iv)4276   (v)5922.

Q16. Which of the following numbers are not perfect cube:

(i) 64   (ii) 216   (iii) 243   (iv) 1728.

Q17. Three numbers are in the ratio 1:2:3. The sum of their cubes is 98784 find the numbers.

Q18. Find the side of a cube whose volume is 24389/216m3.

Q19. Evaluate:

(i) $\sqrt[3]{36} \times \sqrt[3]{384}$

(ii) $\sqrt[3]{96} \times \sqrt[3]{144}$

Q20. Use appropriate property and find:

$$\frac{1}{6} \times \frac{4}{7} + \frac{1}{2} + \frac{1}{6} \times \frac{(-3)}{7}$$

Q22. Find three Rational number between 3/6 and ¾.

Q23. Write multiplicative inverse of : $[\dfrac{1}{6} + \dfrac{4}{9}] \times \dfrac{3}{4}$.

Q24. Calculate the following:

(a) $\dfrac{-4}{5} \times \dfrac{3}{7} + \dfrac{4}{5} \times \dfrac{3}{7}$

(b) $\dfrac{1}{2} \times \dfrac{5}{6} + \dfrac{1}{3} \times \dfrac{1}{4}$

SCIENCE

1. Health is influenced by how our surroundings make us feel and opportunities they provide. Create a beautiful light coloured **fan fold** with a pastel sheet highlighting the following topics: (one on each fold)
   - My benevolent Earth needs love and care.
   - Let's be more physically active.
   - Value your surroundings as determinant of our health.
   - My contributions and responsibilities to save our Mother Earth.

2. Certain parts of the world lack access to safe drinking water and Sanitation. Explore about the topic and create a **Water Diary** of five pages including
   - World Water Day
   - Proper sanitation a key to good health
   - World water crisis
   - Water resources an essential part of solution to climate.
   - We as water Saviors.

3. Make a **model** using waste material on the following topics as per the given roll numbers.
   - Any musical instrument (Roll No. 1-10)
   - Any one micro-organism (Roll No. 11-20)
   - Any two agricultural implements (Roll No. 21-30)
   - Periscope or kaleidoscope (Roll No. 31onwards)

SUMMER BREAK HOLIDAY HOMEWORK (2022-2023)

CLASS VIII

ACTIVITY 1: PROJECT ON SOURCES OF ENERGY

The development of a country depends upon the power resources that it possesses but there is always a flipside to everything we use, including sources of energy. Prepare a project on conventional v/s non-conventional sources of energy. Highlight upon the following points

- Conventional
  - Meaning
  - Sources
  - Merits and Demerits
- Non-conventional sources of energy
  - Meaning
  - Sources
  - Merits and Demerits
- Mark the area on the map of India which has an abundant supply of these power resources.
- Conclusion

VALUE CORNER

Q Without energy life would almost come to a standstill. We know that energy like coal, petroleum is non-renewable. What should be done to save them for the future.

ACTIVITY 2: TRIBES OF INDIA

Make a scrapbook highlighting any two different tribes inhabiting various parts of India with the help of the Internet. Paste and/or draw pictures and highlight their-

i.   Settlement on the map
ii.   Clothes
iii.   Food
iv.   Culture
v.   Religion
vi.   Occupation

FUN CLAY ACTIVITY: Make the artifacts of any one tribe with the help of clay.

ACTIVITY 3: ROLE PLAY (ENVIRONMENTAL AWARENESS)

Research and enact a play based on the following themes:

Roll Number	Topic
1-10	Chipkoo movement.
11-20	Narmada Bachao Andolan
21-30	Bishnoi Movement

Show how you and your friends took appropriate steps for the following cause.

(Role Play to be presented in the class after the summer break and will be assessed on the basis of content, creativity, and presentation.)

Class 8th

Computer Science

Q1. Make a colourful and decorative A3 Chart on the topic assigned as follows:

ROLLNO	TOPIC
1-10	Any Search engine
11-20	Any Social Networking Website/ Any Gaming Website
21-30	To compare features of smart phones of any four leading companies.
31-40	To show the use of multimedia in different areas of day to day life