

*MAHARSHI PATANJALI VIDYA MANDIR
HOLIDAY HOMEWORK
CLASS 8th*



WORK



General Instructions that are to be followed:

- Download the holiday homework pages and complete the task.
- Handwriting should be neat and legible
- The holiday homework would be graded.
- The work should be original and not copied from internet.
- The assignments should be submitted to the respective subject teachers.
- Encourage your ward to do the assigned holiday homework independently.

Summer Tips to be followed:

- “A healthy mind resides in a healthy body”- Pay attention to your health, go for morning and evening walks, drink lots of water, avoid the consumption of junk food, eat healthy and stay healthy.
- Open your mind for reading newspapers, novels, blogs and stories that will help you in increasing your vocabulary.
- Indulge yourself into activities like cooking, singing, dancing, aerobics, cycling, trekking, swimming, art and craft, river rafting and gardening. And share your experience with your family and friends.
- Spend quality time with your grandparents and parents, talk to them regarding their experience of school.

Homework:

English

Spend time on things which you really like reading, games, playing instruments, drawing, gardening and many more of them. Have fun, spend a little time everyday in doing your holiday homework. Children here are some fabulous novels. (Choose ANY ONE)

1. The Old Man and His God by Sudha Murthy
2. Peter Pan by J.M. Barrie
3. Treasure Island by R.L. Stevenson

1. The Old Man and His God – Sudha Murthy (Values & Reflection)

1. Write your own real-life story or a fictional story that shows a lesson in kindness or honesty (1 page).
2. Interview your grandparents or neighbors about a time they helped someone and write it in your notebook.

2. Peter Pan – J.M. Barrie

1. Create a mask (hat, wings, wand, etc.) inspired by a character from Neverland.
3. Treasure Island – R.L. Stevenson

1: Design your own Treasure Map with hidden clues (use symbols, riddles, or directions).

2: Write a short pirate story (half a page) – imagine you're a pirate on a quest. Give yourself a pirate name!

3: Make a “Pirate’s Chest” craft using an old box – decorate it and put inside 3 items that you would take on your adventure (can be drawn or real).

(Do any one)

Submission Guidelines:

Submit a decorated folder with all your activities.

विषय- हिंदी

१. प्रथम पाठ "ग्राम्य जीवन" में दिए गए विवरण के आधार पर कलात्मक रूप से चित्र बनाते हुए A4 पेपर पर काव्य लिखिए।
२. ग्रीष्म अवकाश में किसी गाँव या ग्रामीण क्षेत्र का शैक्षिक भ्रमण आयोजित की जाए एवं अपने अनुभव लिखिए।
३. पृथ्वी पर जल संकट विषय पर अपने विचार व्यक्त करते हुए जल के संरक्षण एवं संचयन के उपाय बताइए।
४. बिल्ली ने झूठ बोलकर अपना मतलब हल किया। अक्लमंद बिल्ली पाठ के आधार पर बताएं कि समाज में झूठी खबरें कैसे फैलती हैं और उनसे क्या-क्या नुकसान होते हैं?
५. "समाचार पत्र का महत्व" विषय पर १५० शब्दों में अनुच्छेद लिखिए।
६. भारतीय संविधान में उल्लिखित २२ भाषाओं के नाम लिखिए।
७. पढ़ाए गए पाठों की पुनरावृत्ति करें।

Mathematics:

General Instructions: The holiday homework has to be done in project file papers and to be submitted in a file.

A.) Fill in the Blanks

Q1: In the pattern 3000, 3100, 3200, 3300

..... When placing the number 3600 on a number line, it would be placed just after _____.

Q2: I am a 5-digit palindrome I am an odd number My 't' digit is double of my 'u' digit. My 'h' digit is double of my 't' digit. Who am I? _____

Q3: In a grid, a supercell is a number that is _____ than its neighbors directly above, below, left, and right.

Q4: The digit 7 appears _____ times in the tens place from 1 to 100.

Q5: On a 12-hour clock, the time 10:10 is interesting because it forms a _____ pattern.

B.) State True or False

Q1: The number 2754 would be placed between 2000 and 3000 on a number line.

Q2: The number 131 is not a palindrome.

Q3: On a number line, 9950 would be placed exactly at 10,000.

Q4: The digit '7' appears 100 times in the tens place in numbers from 1 to 1000.

Q5: If you reverse the number 123 and add it to the original number, you will get a palindrome.

C.) Solve the Following

Q1: Write one 5-digit number and two 3-digit numbers such that their sum is 24,530.

Q2: Pranav uses the digits '5', '2', '6' and '3' to make the smallest and largest 4-digit numbers with them: 2356 and 6532. The difference between these two numbers is $6532 - 2356 = 4176$. The sum of these two numbers is 8888.

Choose 4-digits to make:

(a) The difference between the largest and smallest numbers greater than 4176.

(b) The sum of the largest and smallest numbers greater than 8888.

Q3: Digit sum 18

(a) Write other numbers whose digits add up to 18.

(b) What is the smallest number whose digit sum is 18?

(c) How big a number can you form having the digit sum 18? Can you make an even bigger number?

Q4: Create a 4-digit number where the digit sum is 16, and the number is a palindrome. Provide the number.

D.) Make vegetable bill including Cost per kg, Quantity purchased and Final cost. Make it for 5 days on 5 separate sheets.

E.) Make Sieve of Eratosthenes. Use different colors for coloring prime numbers and composite numbers.

F.) To find the HCF of two numbers, by paper cutting and pasting. (First term activity)

Science

Biology/Chemistry

1. Visit a local park or garden, observe different plants. List your observations about the features of stems, leaves, flowers and anything interesting in various plants. Collect and paste their leaves, flower and seeds.

2. Write a creative story or poem about a specific animal, focusing on its life cycle, habitat, or adaptations.

3. Manu's mother maintains a kitchen garden. One day, she was digging out radish from the soil. She told Manu that radish is a kind of root. Examine a radish and write what type of root it is. What type of venation would you observe in the leaves of radish plant?

4. Prepare one static or working model on the theme of Science and Technology for sustainable future?

Physics

1. Measure the height of any five family members with the help of measuring tape .Record the findings in a table.
2. Determine who is the tallest among all and arrange the measurements in descending order. Even after having adopted SI units, there are still some places on earth where old systems of units are used for measurement. Find out the name of those places and also mention the old units which they are using.
3. Model Making: Make a fish swim in water.
(Take a cardboard and give it the shape of a fish. Attach a small magnet to it with a tape. Cover it with coloured water and with waterproof transparent cellophane paper. Dip it in a small plastic tub containing water. Move the fish with another magnet outside the tub.)

Subject Enrichment (Any one)

1. Make a project Water Dispenser Machine on the basis of water management by using cardboard , plastic bottle and a straw.(Working model)



2. Make a project on Garbage Disposal (Biodegradable and Non-biodegradable waste).



Social studies

1. Visit the Nehru Planetarium in your city and write about the information given to you there about the solar system.
2. With the help of internet find out the name of the countries that still have a king or a queen (a monarch). Then on a sheet of paper write the name of the country and paste the picture of its monarch along with his or her name.

Sanskrit

१- कक्षा में पढ़ाए गए पाठ का अनुवाद पढ़ें एवं प्रश्नोत्तरों का अभ्यास करें।

- 2- प्रथम इकाई परीक्षा में आने वाले 'शब्द रूप व धातुरूप' में 'फल' शब्द रूप व 'लिख्' एवं 'गम्' धातु के लट् एवं लृटलकारके रूप याद करें।
- 3- पाठ्य पुस्तक में पृष्ठ संख्या-(128)में दिये गए शरीर के अंगों के नाम पढ़ें तथा उत्तर पुस्तिका में मानव शरीर का चित्र बनाकर रंग भरें व संस्कृत में प्रमुख अंगों को नामांकित भी करें।
- 4- परियोजना कार्य -पृष्ठ संख्या- ' पर दिए गए क्रियाकलाप (54) भारतीय ज्ञानम् अशोक)' चक्र का चित्र उत्तर पुस्तिका में बनाएँ एवं रंग भरें तथा अशोक चक्र की तीलियाँ किन गुणों को दर्शाती हैं ये भी अंकित करें।
- (नोट-उपरोक्त सभी कार्य उत्तर पुस्तिका में स्वच्छता पूर्ण करें)

Computer

Question 1. Write an algorithm to find the multiplication of two numbers.

Question 2. Create a flowchart to show the addition of three numbers.

Question 3. Write all the keyboard shortcuts and their purpose in a table format from chapter 2.

Art

- Make anything using waste material
- One sketching of your own choice.

THANK YOU