

Holiday Homework

Class- VIII

Subject- English

When life gives you snow, make snow angels.

S.no.	Homework	Date
1	<p><i>“Creativity is...seeing something that doesn’t exist already. You need to find out how you can bring it into being and that way be a playmate with god.”- Michele Shea</i></p> <p>Read English Newspaper daily and create your own newspaper in creative handwriting.</p>	1-1-2022
2	<p>Make a beautiful Chart or Model for Tenses (Present, Past or Future)</p>	2-1-2022
3	<p><i>For every different role you play, it’s nice to have different challenges for each one.”- Freddie Highmore</i></p> <p>Role play of News Reporter reporting about the discovery of the comet (video- 2-3 minutes)</p>	3-1-2022
4	<p>Tap on the link to complete the quiz Mixed tense- https://quizizz.com/admin/quiz/61792b45ec60c0001dad309a</p>	4-1-2022
5	<p><i>Creative Corner</i> <i>Project Work:</i> Sikkim is a paradise. To know it, know it’s rich colorful culture.</p> <p>Make a brochure on Cultural background, languages, Cuisine and literature of Sikkim.</p>	5-1-2022 6-1-2022 7-1-2022
6	<p><i>“Poetry comes alive through recitation.”- Natalie Merchant</i></p> <p>Poetry recitation activity- make video reciting poetry based on nature. (3-4 minutes)</p>	7-1-2022

हिंदी शीतकालीन अवकाश कार्य

Jan 1,2,3

1). आसपास के निर्जीव चीजों को ध्यान में रखकर कुछ संवाद (बातचीत) लिखिए ।

जैसे-

- चाक का ब्लैक बोर्ड से संवाद (बातचीत)

-कलम का कॉपी से संवाद।

कोई भी तीन शीर्षक चुनकर संवाद लेखन करें।

Jan 4

2). शाम के बदले यदि आपको एक कविता सुबह के बारे में लिखनी हो तो किन-किन चीजों की मदद लेकर अपनी कल्पना को व्यक्त करेंगे?

नीचे दी गई कविता की पंक्तियों के आधार पर सोचिए-

पेड़ों के झुनझुना

बजने लगे;

लुढ़कती आ रही है

सूरज की लाल गेंद।

उठ मेरी बेटी, सुबह हो गई ।

इसी प्रकार आप भी सुबह के बारे में एक स्वरचित कविता लिखें।

Jan5

3). हर खेल के अपने नियम खेलने के तौर तरीके और अपनी शब्दावली होती है, जिस खेल में आपकी रूचि हो उससे संबंधित कुछ शब्दों को लिखिए ।

जैसे- फुटबॉल के खेल से संबंधित शब्द हैं - गोल ,बैकिंग ,पासिंग, बूट इत्यादि।

Jan 6

4). आपक छोट भाई पढ़ाई पर ध्यान न देकर मोबाइल में गेम खेलती है ।उसे मोबाइल पर अधिक गेम न खेलने की सलाह देते हुए पत्र लिखिए।

Jan7

5). पर्यावरण की शुद्धता को बनाए रखने हेतु आम जनता द्वारा क्या क्या कदम उठाए जा सकते हैं इस पर अपने विचार व्यक्त कीजिए ।

Jan 8,9,10

6) . पाठ 16, 17 एवं 18 का लिखकर अभ्यास करें।

Jan 1-10

8). अपने रोज की दिनचर्या का डायरी लेखन करें।

7). दिए गए कार्य को हिंदी के उत्तर पुस्तिका में करें।

MATHEMATICS

Note: Homework assignment should be done in fair notebook.

01 JANUARY 2022 (SATURDAY)

Choose the correct option in questions 1 to 3:

1. Find the value of 2^{-3}
(a) 8 (b) 2 (c) $\frac{1}{2}$ (d) $\frac{1}{8}$
2. Any number with power zero will give _____ as value.
(a) 0 (b) 1 (c) 2 (d) 3
3. What is the ratio of 10 m to 1 km?
(a) 10 : 1 (b) 1 : 10 (c) 100 : 1 (d) 1 : 100

Question No. 4 to 8 are short answer type questions

4. Evaluate: $\left(\frac{1}{3}\right)^{-5}$
5. Find the ratio of the Speed of a cycle 15 km per hour to the speed of scooter 30 km per hour.
6. Find the value of m for which $5^m \div 5^{-3} = 5^5$.
7. 72% of 25 students are good in mathematics. How many are not good in mathematics?
8. Express 0.000000000085. in standard form.

02 JANUARY 2022 (SUNDAY)

Attempt the following questions (Q1 to Q7)

1. Evaluate: $\frac{8^{-1} \times 5^3}{2^{-4}}$.
2. The cost of an article was ₹ 15,500. ₹ 450 were spent on its repairs. If it is sold for a profit of 15%, find the selling price of the article.
3. A shopkeeper buys 80 articles for ₹ 2,400 and sells them for a profit of 16%. Find the selling price of one article.
4. Calculate the amount and compound interest on ₹ 10,800 for 3 years at $12\frac{1}{2}$ % per annum compounded annually.
5. Using Euler's formula, find the number of edges if it is given that figure has 20 faces and 12 vertices.
6. Can a polyhedron have 10 faces, 20 edges and 15 vertices . Justify ?
7. Simplify : $\frac{3^{-5} \times 10^{-5} \times 125}{5^{-7} \times 6^{-5}}$.

03 JANUARY 2022 (MONDAY)

ACTIVITY – To watch the movie based on the life of Shakuntala devi and Explore about the

mathematician. Write some important discoveries of her in the field of mathematics based on your findings.

04 JANUARY 2022 (TUESDAY)

Attempt the following assignment based on Ch 12 Exponents and Powers

1. Find the value of $2^{-3} \times 2^3 \times 32$ in exponential form.

2. Evaluate: $\left(\frac{1}{2}\right)^{-5} \times 2^{-5}$

3. Simplify: $p^{23} \times p^{-10} \times p^{-5}$

4. Evaluate: $\frac{2^{-1} \times 5^3 \times 4^{-2}}{2^{-4}}$.

5. Simplify : $\frac{a^{-5} \times 10^{-5} \times 125}{5^{-7} \times a^{-5} \times b}$.

05 JANUARY 2022 (WEDNESDAY)

Attempt the following assignment based on Ch 8 Comparing quantities

1. Sandeep invested ₹ 60,000 at an interest rate of 12% per annum compounded half yearly.

What amount would he get : (i) after 6 months? (ii) after 1 year?

2. A scooter was bought at ₹ 42,000. Its value depreciated at the rate of 8% per annum. Find its value after one year.

3. During a sale, a shop offered a discount of 10% on the marked prices of all the items. What would a customer have to pay for a pair of jeans marked at ₹ 1450 and two shirts marked at ₹ 850 each?

4. A milkman sold two of his buffaloes for ₹ 20,000 each. On one he made a gain of 5% and on the other a loss of 10%. Find his overall gain or loss.

5. The price of a TV is ₹ 13,000. The sales tax charged on it is at the rate of 12%. Find the amount that Vinod will have to pay if he buys it.

06 JANUARY 2022 (THURSDAY)

ACTIVITY – SOLVE THE FOLLOWING MATHS RIDDLES

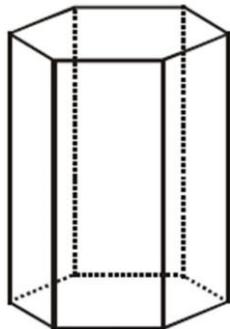
A red house is made with red bricks. A blue house is made with blue bricks. An orange house is made with orange bricks, and a yellow house with yellow bricks. What is the greenhouse made with?

Read more: <https://www.riddlesandanswers.com/v/231893/a-red-house-is-made-with-red-bricks-a-blue-house-is-made-with-blue-bricks-an-orange-house-is-made/#ixzz7GQ0fTX8W>

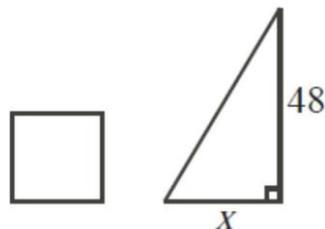
07 JANUARY 2022 (FRIDAY)

SOLVE THE FOLLOWING MENTAL MATH QUESTIONS :-

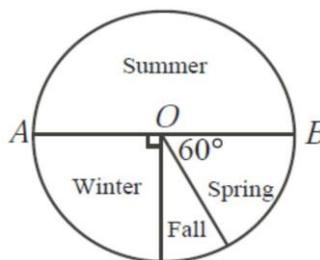
Q.1 How many faces do the given solid have?



- Q.2** Aishwarya Rai gives 0.025 part of her salary as pocket money to her son every month. He spends 0.8 part of pocket money and saves the rest. If he saves Rs 555 in 5 months, find the monthly salary of Aishwarya Rai.
- Q.3** Ranu earns Rs. 50,000 per month and spends 80% of it. Due to pay revision, her monthly income increases by 20% but due to price rise, she has to spend 20% more. Find her new savings.
- Q.4** In the diagram, the square has a perimeter of 48 and triangle has a height of 48. If square and triangle have the same area, what is the value of X ?



- Q.5** In the diagram a circle graph illustrates the favorite season of 600 students. How many of the students choose Fall as their favorite season ?



08 JANUARY 2022 (SATURDAY)

DO ALL “TRY THESE” SUMS GIVEN IN THE NCERT BOOK OF CH 8 AND CH 10

09 JANUARY 2022 (SUNDAY)

ATTEMPT THE FOLLOWING GOOGLE FORM WITH THE LINK GIVEN BELOW :

<https://forms.gle/XtMReo6qyrd1DxjdA>

SUBJECT – SCIENCE

DATE	HHW	REMARKS
01/01/2022	To read Chapter- -17 (STARS AND THE SOLAR SYSTEM)	
02/01/2022	To attempt quiz based on Chapter-17	Quiz is given below. Kindly submit it in given slot in Google Classroom.
03/01/2022	To read Chapter-18 (POLLUTION OF AIR AND MANNER)	
04/01/2022	To go on virtual tour to WASTE WATER TREATMENT PLANT and write any one innovative suggestion to reduce the water and air pollution in India. https://youtu.be/FvPakzqM3h8 https://youtu.be/s8IViQg7yno https://youtu.be/UQ8H2aSFxv0	Write the suggestion in your Science notebook and submit it in given slot of Google Classroom. Write your original idea. Do not copy it from somewhere.
05/01/2022	To complete the lab activity of Chapter- 12 (Friction)	Activity is uploaded in Google Classroom.
06/01/2022	To make a DIY musical instrument like Ektara, Reed, Khartal, Jaltarang, Ghatam, or any other	Submit the 1 min video of that instrument in assigned slot of Science Google classroom
07/01/2022	To make a DIY musical instrument like Ektara, Reed, Khartal, Jaltarang, Ghatam, or any other	
08/01/2022	To draw diagram of HUMAN EAR in your Science notebook.	
09/01/2022	To draw diagram 13.8, 13.11, 13.18 in your Science notebook.	Submit in given slot.

1. Which of the following part of the Sun is visible to humans?

A. Photosphere B. Corona C. Chromospheres D. Core

2. What is the time taken by the light of the Sun to reach the Earth?

A. 8 Minute B. 9 Minute

C. 7 Minute 16 seconds

D. 8 Minute 20 seconds

3. Which of the following is the largest planet of the Solar System according to size?

A. Jupiter

B. Saturn

C. Neptune

D. Uranus

4. Select the correct chronology of the planet according to its size?

I. Mercury

II. Mars

III. Venus

IV. Earth

Code:

A. IV, III, II, I

B. I, III, II, IV

C. I, II, III, IV

D. IV, I, III, II

5. Which of the following planets in the Solar System takes the shortest revolution?

A. Neptune

B. Mars

C. Mercury

D. Venus

6. Find the Jovian Planets among the following.

A. Mars

B. Earth

C. Venus

D. Uranus

7. Arrange the planets according to their revolution velocity

I. Mars

II. Jupiter

III. Uranus

IV. Earth

Code:

A. I, II, IV, II

B. IV, I, II, III

C. I, III, II, IV

D. IV, III, II, I

8. Which planet in the Solar System has the highest density?

A. Earth

B. Uranus

C. Neptune

D. Jupiter

9. The four inner planets are rocky and small. Which description best fits the next four outer planets?

A. They are also rocky and small.

B. They are very large and made of ice.

C. They are small and made of ice.

D. They are very large and made of gases.

10. Which two planets are out of order in this list of our solar system? The planets are listed in order of distance from the sun.

Mercury-Earth-Venus-Mars-Jupiter-Saturn-Uranus-Neptune-Pluto

- A. Mercury and Earth
- B. Earth and Venus
- C. Saturn and Jupiter
- D. Uranus and Neptune

11. What is a special characteristic of Jupiter, Saturn, Neptune and Uranus?

- A. They are planets in our solar system.
- B. They spin slowly.
- C. They revolve around the sun.
- D. They have rings.

12. How does a telescope help us understand the moon?

- A. It tells us how it was formed.
- B. It tells us how hot it is there.
- C. It helps us see surface features.
- D. It can tell us what the moon is made of.

13. A probe landed on Mars and did soil tests. What information did it discover?

- A. There are no living organisms in Martian soil.
- B. Mars is slightly oval in shape.
- C. Mars is about one-fourth the size of Earth.
- D. The gravity on Mars is much less than on Earth.

14. Pictures from space are sent to Earth. How are they printed?

- A. On paper from film sent from the probe.
- B. A computer reads a code and places dots on paper.
- C. They are drawn by hand as the information is received.
- D. They are sent through space by rockets and are already printed.

15. Why is space travel difficult for people?

- A. We cannot take the air or food we need into space.
- B. The distances are very great; it is dangerous and expensive.

C. It is impossible to escape the sun's or Earth's gravity.

D. We do not have a destination to visit that we know will support life.

16. What holds the planets in their orbits around the sun?

- A. gravity B. speed C. string D. air currents

17. Which object has the most gravity?

- A. Earth B. moon C. Jupiter D. sun

18. Without gravity, what would be the shape of the solar system?

A. Planets would revolve in perfect circles.

B. Much different than it is now.

C. Planet's orbits would cross.

D. All planets would be in the same orbit.

SOCIAL STUDIES

DATE	HOMEWORK
1 January 2022	Paste picture of moderate, radical and revolutionary leaders. Make a beautiful collage and write a short note on their contribution.
2 January 2022	On a political map of India Mark and label the places of the following sections of the Congress:- I)1885. II)1905. III)1906. IV)1916. V)1919
3 January 2022	Write a short note on Indian National army. Also collect and paste relevant pictures.
4 January 2022	Read the civics chapter on criminal law and write a short note on DK Basu guidelines.
5 January 2022	Make a flowchart describing the investigation of a crime.
6 January 2022	Complete show the assigned work on Google classroom related to chapter agriculture of geography.

7 January 2022	Paste the pictures of following crops and write down the climatic conditions required to grow them. I) Rice. II) Wheat. III) cotton IV)Tea. V)Jute
8 January 2022	Read your History chapter and The making of the National movement and watch movies on any one of the following revolutionary leaders like I) Bhagat Singh. or. II) Subhash Chandra Bose.
9 January 2022	Make a flowchart and paste the appropriate pictures to show the various stages of crop farming like ploughing, sowing, irrigating the fields, fertilizing, harvesting, threshing

Note: The holiday homework is to be done in the respective subject wise notebooks.

SANSKRIT

क्रम संख्या	दिनांक	विषय
1.	01/01/2022	आर्यभट्ट व कालिदास का जीवन परिचय व संस्कृत में उनका योगदान व उनके ग्रंथों के नाम लिखें ।
2.	02/01/2022	चल चल पुरतो व भारतजनताहम् गीत को लयबद्ध गाएं व कण्ठस्थीकरण करें ।
3.	03/01/2022	राजन् व स्वसृ शब्दों के शब्द रूप लिखें व याद करें।
4.	04/01/2022	खाद् व इष धातु के लट् , लृट् , लङ् , लोट् , विधिलिङ् लकार में धातु रूप लिखें ।
5.	05/01/2022	संस्कृत में घड़ी का चित्र बनाते हुए समय दर्शाएं । समय - एक बजे , सवा , पौने , साढ़े में होना चाहिए ।
6.	06/01/2022	किन्हीं दस नदियों व पर्वतों के नाम संस्कृत में लिखें ।
7.	07/01/2022	किन्हीं दो अपठित गद्यांशों को लिखें व उनसे संबंधित प्रश्नों के उत्तर लिखें ।
8.	08/01/2022	a-3 शीट पर शरीर का रंगमय चित्र बनाएं व उसके अंगों के नामों को दर्शाएं ।

9.	09/01/2022	संस्कृत के बीस कवियों के नाम व उनके द्वारा रचित किताबों के नाम लिखें एक तालिका बनाएं
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Computer

1 Jan 2022	Make File On 20 Browsers And 20 Search Engine With Image.
2 Jan 2022	Explain About E In Detail Like E Commerce, E Business, E Learning Etc With Their Advantage And Disadvantage, And Their Uses In Detail.
3 Jan 2022	Write program to use Input box and Msg box in visual basic,
4 Jan 2022	Design Registration form using Visual Basic
5 Jan 2022	Design Calculator by using Visual basic controls and write coding to Add, Subtract two numbers.
6 Jan 2022	Explain About Cybercrime In Detail, Write Suitable Steps To Prevent From Cybercrime.
7 Jan 2022	Design Game by using Scratch software
8 Jan 2022	Design E-Greeting card using video, audio, image, animation to make it more attractive.
9 Jan 2022	Difference between Hackers and Crackers.