SUMMER HOLIDAYS HOMEWORK

CLASS- VIII

'Exciting time is here again! It's time for Summer Vacation and fun filled activities'. Children you are the reservoirs of potential which needs to be tapped and channelized in diverse ways. Summer Vacation is the best and fruitful time for learning and for nurturing creativity. It is the time when you can do so many things in your own way. Complete your Holidays Homework, be independent and try to improve your basic academic skills, such as reading, writing and spellings and develop some personal skills and time management too. A few suggestions that you may keep in mind during vacation:

- ✔ Spend quality time with your family.

- ✔ Go for outings and have fun with your family.

- ✔ Get yourself involved in small household activities.

- ✔ Inculcate good manners, healthy habits and respect for elders.

- ✔ Look after your younger brothers and sisters and support your parents.

- ✔ Inculcate the feelings of empathy, affection and tolerance.

- ✔ Converse with your friends/parents in English, if possible.

- ✔ Read books to enhance language skills.

- ✔ Play various indoor and outdoor games.

Remember that Summer Vacation is the time to relax and enjoy. So spend these holidays filled with fun, frolic, learning and education.

Q1). Computers are a storehouse of knowledge and wisdom and they are hazardous too. Write an article on the topic." The benefits and harms of computers.

Q2). Read the Newspaper daily and write only one news article under the given headings like National, International, Sports, glamour, Business and express your on it.

Q3). Complete the comprehension of L1 and L2 of your Longman Reading comprehension and Composition.

Q4). Prepare a chart of 12 Tenses formula and 12 Verb Tenses as shown in the images. Form your own sentences.

12 Verb Tenses in English

	Past	Present	Future
SIMPLE	I studied English yesterday.	I study English.	I will study English.
CONTINUOUS	I was studying English.	I am studying English	I will be studying English.
PERFECT	I had studied English.	I have studied English.	I will have studied English.
PERFECT CONTINUOUS	I had been studying English.	I have been studying English.	I will have been studying English.

12 Tenses formula with Example

Tense	Affirmative	Negative	Interrogative
Present Simple	I have a car.	I don't have a car.	Do I have a car?
Present Continuous	You are playing football now.	You are not playing football now.	Are you playing football now?
Present Perfect	They have been there.	They haven't been there.	Have they been there?
Present Perfect Continuous	I have been living here.	I haven't been living here.	Have they been living here?
Past Simple	I lived in London.	didn't live in London.	Did I live in London?
Past Continuous	I was playing.	I wasn't playing.	Was I playing?
Past perfect	He had worked.	He had not worked.	Had he worked?
Past Perfect Continuous	I had been watching.	I had not been watching.	Had I been watching?
Future Simple	I will come.	I will not come.	Will I come in?
Future Continuous	I will be playing basketball.	I won't be playing basketball.	Will I be playing basketball?
Future Perfect	He will have finished.	He will not have finished.	Will he have finished?
Future Perfect Continuous	We will have been starting.	We will not have been starting.	Will we have been starting?

1. पूरकपुस्तक मणिकणिका के पाठ 2 व 3 को ध्यानपूर्वक पढ़े व अति लघोत्तर प्रश्नों का निर्माण करें।

2. पहेलियाँ, पर्वतीय स्थल, संवाद–माता–पिता के साथ बाज़ार जाइए और सब्जि खरीदते समय माता–पिता का सब्जिवाले के साथ संवाद, स्वयं बनाए। किसी स्वादिष्ट व्यंजन की विधि–चित्र सहित, मुहावरों का प्रयोग कर स्वरचित कहानी निर्माण कीजिए।
उपर्युक्त सभी विषयों से संबंधित एक समाचार पत्र का निर्माण करें।

3. छुट्टियों में बिताए गए समय का "मैं और मेरा परिवार" विषय के अंतर्गत चित्र संग्रह कर एक कोलाज के रूप में प्रस्तुति करें।

گرمیوں کی چھٹیوں کا کام

جماعت : آٹھویں

1 سوال :- سبق (۱) لو پھر بسنت آئی (۲) ہاکی اور ہاکی کا جادو گر ۔ غور ۔ دھیان پڑھیں اور چھ صفے اپنی کاپی پر لکھیں ۔

2 سوال : مندرجہ ذیل مضمون پر نوٹ لکھیں ۔
(۱) کمپیوٹر کی اہمیت (۲) جنگلات کے فائدے ۔

3 سوال :- مندرجہ ذیل الفاظ کے جملے بنائیں ۔
حقوق ، عزت ، جدوجہد ، سفر ، فرض ، اخلاق ، منزل ، اتفاق ۔

4 سوال :- مندرجہ ذیل الفاظ کے مذکر کے مونث لکھیں ۔
معلم ، غلام ، فارسی ، طالب ، خواجہ ، بندر ، دھوبی ، استاد ۔

5 سوال : مندرجہ ذیل محاورات کے جملے بنائیں ۔ (۱) خاک میں ملنا (۲) ، (۳) دل بھر آنا (۴) دامن پکڑنا (۵) خون سفید ہونا ۔

6 سوال :- واحد کے جمع لکھیں اور جمع کے واحد لکھیں ۔
بوندوں ، پیسے ، تماشے ، اخبار ، خبر ، جنگلات ۔

7 سوال :- متضاد الفاظ لکھیں ۔
اقرار ، آزادی ، شروع ، نیا ، نیکی ، بلند ۔

8 سوال :- اپنے والدین کے بارے میں چند اچھی باتیں لکھیں ۔

ہدایات :- یہ سارا کام الگ کاپی پر صاف صاف لکھیں اور یاد کریں ۔

Q.1) Addition and subtraction of Rational number:

Description : write fractions in mixed form and find out the hidden word.

1] $\frac{5}{6} + \frac{8}{6}$ 2] $\frac{3}{4} - \frac{9}{4}$ 3] $\frac{-5}{8} - \frac{2}{7}$

4] $\frac{2}{5} \times \frac{-3}{7}$ 5] $\frac{3}{7} + \left(\frac{-6}{11}\right) + \left(\frac{-8}{21}\right) + \frac{5}{22}$ 6] $-3 - \frac{7}{2}$

7] $\frac{-9}{2} + \frac{5}{12}$ 8] $\frac{-1}{12} - \left(\frac{-4}{9}\right)$

Q.2) Activity:

   PLAY WITH BALLS :-

   DESCRIPTION: -

   Students are supposed to take two different coloured sketch pens , same
   number of identical balls are to be drawn for one integeras indicated. Perform
   activity according to given example (we know –ve symbol means opposite /
   change of colour)

   Example : Let

        O : - Green for positive integer

        O : - Red for –ve integer

   1) 2 x 3 (2 times 3)

                O   O   O O O

                      +   =

             O   O   O   O   O O O

   Show the following in the form of picture of balls

   A] -3 x 4   B] 2 x -4   C] -3 x -4   D] 4 x 5

Q.3) Learn and write table from 2 to 20.

Q.4) Learn and write square of numbers from 2to 20.

Ex. 2 × 2 =4
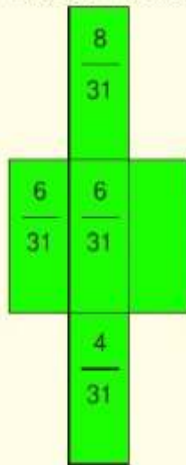
Q.5) Learn and write cube of numbers from 2 to 15.

Ex. 2 × 2 × 2 = 8

Q.6) Revise chapters = Rational numbers and Linear equation in one variable.

Q.7) Solve following Worksheets given below.

(1) If the sum of both the horizontal and the vertical rows is same, find the missing rational number.

(2) Find the difference between the greatest and the least numbers of $\dfrac{-7}{5}$, $\dfrac{3}{16}$, $\dfrac{2}{7}$, $\dfrac{3}{24}$.

(3) Solve the following and simplify to lowest term:

A) $\dfrac{-3}{2} + \dfrac{6}{5} + \dfrac{5}{5} + \dfrac{-5}{3} + \dfrac{-4}{4}$

B) $\dfrac{1}{3} + \dfrac{2}{4} + \dfrac{-2}{5} + \dfrac{-1}{2} + \dfrac{6}{6}$

(4) Is $\dfrac{6}{11}$ the multiplicative inverse of $-1\dfrac{5}{6}$? Why or why not ?

(5) What is the multiplicative inverse of $\dfrac{6}{16}$?

(6) Reduce the rational number $\dfrac{18}{15}$ to the lowest form.

(7) Name the property that is reflected in the following expression:

A) $\dfrac{5}{-11} \times \dfrac{-11}{5} = 1$

B) $\dfrac{1}{24} \times \dfrac{24}{1} = 1$

9. Half a number increased by 10 is 12. Find the number.

10. Solve the following equations and check the solutions.
   a) $5-3(5x + 2)=5(7-3x)+1$
   b) $0.3(6-x)=0.4(x + 8)$
   c) Solve $3x / 4 - 2x+5 /3=5/2$

11. The sum of two numbers is 11 and their difference is 5. Find the numbers.

12. Explain Quadrilateral and its types with figures.

13. One angle of a parallelogram is 60^0. Find its opposite angle and the adjacent angle.

14. Find the number of sides of the polygon.

15. Four angles of a quadrilateral are in the ratio 3: 4: 5: 6

16. An exterior angle and the interior angle of a regular polygon are in the ratio 2:7.
Find the number of sides of the polygon.

Note: Do holiday homework in Maths Notebook.

SUBJECT-SCIENCE

Q1). Prepare index cards for any four metals and four non- metals. The Cards should have information like name of metals/non-metals its physical properties, chemical properties and its uses. (Roll no. 1 to 10) 8th A & B

Q2). Prepare flash cards for any four communicable and non-communicable diseases of the world. The cards should have mention symptoms, precautionary measures and prevention of these diseases. (Roll No. 11 to 20) 8th A & B

Q3). You have studied about force and pressure and learnt that all changes occur due work done by force and pressure. Which forces or pressures are responsible for the following natural changes causing disaster.
a) Earthquake
b) High tide and low tide
c) Lightning during thunderstorm.
d) Cyclone
e) Tsunami
f) Trade winds
g) Formation of pressure belt
h) Flood
i) Volcanic eruption
(Roll No. 21 to 27) 8thA
(Roll No. 21 to 29) 8thB

A. Protecting Our Earth-Flip book on the topic protecting our Earth of around 10 sheets.

Details:

1. For the first five sheets of the flib book, prepare 'to do list for the planet Earth' i.e what can be done and needs to live in (general points).

   Prepare list to save our resources i.e land, soil, water, energy, air, environment etc.

2. Next five sheets, list all the steps that the student and parents has done or taken initiative (in summer break/in general) to make earth a better place to live in (specific steps).

Like efforts to switch off the lights whenever not use.

Use of bicycle by students in order to commute to nearby places rather than using car or any hence air pollution.

Also paste pictures if possible for specific efforts in order to make earth a better place to live in.

Where to do : [use A4 size sheet, divide them in order to prepare a flib book (use colorful sheets). The cone page of the flipbook has to be really attractive.

B. Make a time line of Modern History (use charts and Pictures).

C. Create a Home Library that's pretty and smart.

 Themes:-

Make a poster on any of the following themes:-

Water is precious

Child Labour and crime

Environment protection

Secularism

Heritage of India

Freedom fighters.

E. Revision: - Revise chapters of history, civics and geography done in the month of April and May.

F. Read the chapters:

Geo- ch-2 Natural vegetation and wildlife

History- ch-2 Colonization of India.

Civics- ch-2 Secularism in India.

HOME LIBRARY

Arrange books by color.

Include comfortable seating.

Have a curt am as backup and adequate lighting.

Install creative shelving

Create Library as a reading book.

Grate a hallway home library as books are easily accessible as aesthetic and is our best friend. Click the pictures of your home library and paste the same on an A4 size sheet.

D. Soil profile:- Make a3D model of different layers of soil.

E. Poster Making:-

   Make a poster on any of the following

Group of Twenty known as G20 is a forum for international economic Co-operation. India has assumed its Presidency on 1st December 2022 and will hold it till 30th November 2023.

It is a proud moment for all in India as citizen and for the countries in Asia and Africa and also for all other countries for India has taken over the G20 Presidency at a crucial period of time in History.

Read more on G20 and try the following questions based on your reading and prepare work on assignment sheets and paste pictures to make it more presentable.

1.How do you think India can benefit from its G20 Presidency ?

2. What can India offer to the G20 countries as its president ?

3. As a student write a letter to the Prime Minister of India suggesting him an important Idea, point or action for school students in the G20 agenda for G20 and other countries ?

4. What would you suggest for a greener and cleaner environment to G20 countries and their leaders ?

SUBJECT-ARTIFICIAL INTELLIGENCE

Q1). Create a database in Microsoft Access with the following specifications:

- Database Name: Student Information

- Table Name: Students

- Fields: Roll Number, Name, Age, Grade, and Contact Number

Populate the table with at least 10 records of fictional students. Use appropriate data types for each field. Write it on Notebook and practice it on Computer.

Q2). Write SQL queries to perform the following tasks:

a. Retrieve the details of all students in Grade 8.

b. Retrieve the details of students whose age is greater than 12.

c. Update the contact number of a specific student.

d. Delete a record from the table based on the roll number.

Q3). Design a form in Access to input and display student information. The form should include   fields for Roll Number, Name, Age, Grade, and Contact Number. Customize the form layout and add appropriate labels and buttons. Write it on Notebook and practice it on Computer.

Q4). Create a report in Access to generate a student report card. The report should include the student's roll number, name, grade, and a summary of their academic performance. Customize the report layout and include a cover page. Write it on Notebook and practice it on Computer.

Q5). Read the following topics:

A) Setting a relationship between tables

B) Query

C) Forms

D) Reports

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