



PVSS DAV PUBLIC SCHOOL JHUMRI TELAYA, JHARKHAND-825409

(SESSION – 2022 -22)
(CLASS – VIII)



Enjoy your Summer Holidays in a productive way :

Travel and Explore – Take out time to travel to new places with your friends and family. A city tour or a visit to historical monuments, and museums will give lifetime memories as well as knowledge about your country's rich heritage.

Read at least one book– You may read at least one story book during the summer break. A digital library visit will also give you the chance to find the book of your interest and spend leisure time going through its pages.

Play Outdoor Games – Indulge yourself in Outdoor Games and activities during the summer holidays. Sports are a must for the physical growth of the child. So, devote your time to your favorite sports such as cricket, table tennis, soccer, badminton, etc.

Enrich STEM Subjects – To enrich your understanding and knowledge of STEM subjects,

Experiments with things – All of you are creative geniuses and love to experiment with different things. Summer Holidays are the best time to explore and experiment with various things.

Enhance your Knowledge – Utilize your holidays to enhance your general knowledge of history, culture, tradition, nature, and environment, politics, scientific discoveries, etc. To keep abreast of the various things happening in the country and the world, it is important to have basic knowledge about them.

Engage in Fun Activities – Engage yourself in playful and fun activities such as the collection of coins, leaf, flowers, stamps, etc. Paint your favorite picture, or watch your favorite cartoon series, or make a scrapbook using newspaper & magazine cuttings.

Learn new things – Enroll yourself in interesting online workshops to learn new things such as yoga, karate, swimming, sketching, dance, and a new language such as French, Italian, German, or Spanish. If you are a music lover, you may also learn to play musical instruments during your summer holidays.

Improve your Skills – And, why not use the Summer Holidays to improve your skills in reading, writing, drawing, and listening. Also, you must learn the art of communication and work on improving his time-management skills during the summer break.

*SUBJECT - English

*AIM:

- 1.To enjoy learning new things.
- 2.To develop 4 basic skills.
- 3.To impart self realisation among students.

*TOPIC: Activity

- 1.Make a collage representing media impact on teenagers.(Do the work in chart paper)

*TOPIC: Bio Sketch

- 2.Prepare a bio sketch of Leo Tolstoy along with his picture.

TOPIC: Writing

- 3.Write a speech on the topic "good deeds reflect good character.

*TOPIC : Tense

- 4.Make a tense tree in a chart paper.

{Note: Do assignment 2 & 3 in h.w. copy}

*Topic: Debate

5. "Can mechanical teacher be replaced by human teachers?"

*LEARNING OUTCOMES:

- 1.Creativity of the students will be developed.
- 2.Critical thinking will be enhanced.
- 3.Self Awareness will be developed
- 4.Art integrated learning will be developed.

विषय-हिन्दी

विषय-वस्तु-ग्रीष्मावकाश गृहकार्य

उद्देश्य-अभिरुचि जगाना ।

किया जाने वाला कार्य-

1. दस अनुस्वार दस अनुनासिक एवं दस नुक्ता वाले शब्दों को लिखिए ।
 - 2 . पाँच लुप्त होने वाले पक्षियों के नाम एवं उसके विलुप्त होने के प्रमुख कारणों को लिखिए ।
 - 3 .विराम चिन्हों का फलो - चार्ट बनाकर एक -एक उदाहरण दें ।
 - 4.तत्सम एवं तद्भव वाले दस - दस शब्दों को लिखें ।
 - 5 . किसीआदर्श व्यक्ति के बारे में दस वाक्य लिखें।
 6. आप समाज को क्या योगदान देंगे जब आप एक आदर्श व्यक्ति बनेंगे कल्पना के आधार पर 8 वाक्य लिखिए ।
- शैक्षिक उपलब्धि ज्ञानात्मक और बौद्धिक विकास- ।

SUBJECT – संस्कृतम्

TOPIC – परियोजनाकार्यम्

AIM- I- कथारचना तथा सृजनात्मक शक्तेः अभिवृद्धि ,

II- नवीन संस्कृत शब्दानां सह परिचयः ।

WHAT TO BE DONE –

I- “ श्रीमद् भगवत गीतायाः” पञ्च श्लोकाः अर्थेण सहितं लिखत ।

- ii- A.P.J. ABDUL KALAM महोदय विषये एका कथां हिन्द्यां लिखत ।
iii- प्रसिद्ध (20) संस्कृत पुस्तकानाम् , लेखकानां च नामानि लिखत ।
iv- पुस्तकात् एका संस्कृत कथां सचित्रम् लिख ।
v- सेव , लभ् - धातोः रूपाणि लिखत

LEARNING OUTCOME- लेखन कौशलस्य विकासेन सह नूतन शब्दानां व्यवहारः ।

Subject - Mathematics

Topic - Squares and Square Roots (Summer Vacation Assignment)

Aim - To learn basic concepts of squares and Square roots of numbers.

What to be done - Activities and practice of questions related to the topic

Learning Outcomes - Basic knowledge of squares and Square roots by doing Activities and practicing questions.

Activity-1:

Subtopic: To show square of numbers on a graph paper.

Description: Take a graph paper. Draw squares on it with sides 1 cm, 2 cm, 3 cm, 4 cm, 5 cm, 6 cm and 7 cm. Now count the number of squares in each square and write the observation.

Activity-2:

Subtopic: To observe the given number pattern and complete the next three steps.

$$132 = 169$$

$$1032 = 10609$$

$$10032 = 1006009$$

Further write similar patterns (any two) involving squares of a number.

Activity-3:

To verify that the sum of first n odd natural numbers is n^2 .

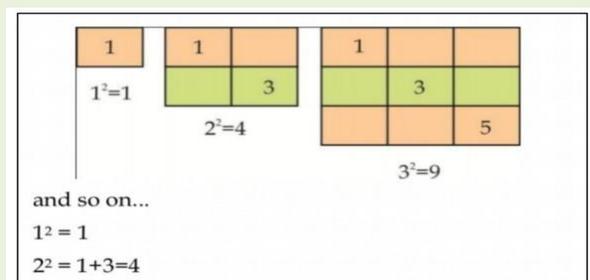
Draw squares of sides 1 cm, 2 cm, 3 cm, 4 cm and 5 cm

and cut them. Divide the squares into smaller squares of side 1x1

and shade each square with a different colour.

Activity-4:

Count the number of squares in different colour bands and write the numbers at the corners as shown.



5. Do question no. 5 to 8 of Brain Teasers and HOTS of chapter 1.

SUB- SCIENCE

1. Project- Make a file of the parts of cells (cell organelles) by writing its function in the separate page.
2. As we know that metal reacts with acids to give salt and hydrogen. Even then Aluminium foil is used in food packaging . Explain why with examples ? activity copy.
3. Make a list of five articles used at home and school, which are made up of metals and alloys. Write their composition in tabular form in activity copy.
4. Find out the names of places in India where mines of gold , copper and iron are located. Also write the names of the places where major steel plants are located . in activity copy.

Make a list 10 unicellular and 10 multicellular organisms in activity copy

SUBJECT. S.SC

AIM .TO CREATE INTEREST IN SOCIAL SCIENCE.

WHAT TO Do.

Students has to do the assignment.

Learning outcomes.

1. understand the meaning of resources, classification and uses of resources.
2. understand the changes through the given sources of information that led to the modern period.
3. Explain the need for constitution, its ideals, values and features. †*****
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ASSIGNMENT

1. Prepare a pictorial chart showing the classification of resources giving at least a suitable example of each category or resource.
2. Suggest any five methods to stop wastage of water.
3. List the main sources of Modern history.
4. Suggest some ways to protect old monuments.
5. On a chart paper draw the preamble of India.
5. list the salient features of the Indian constitution.

SUBJECT – COMPUTER SCIENCE

1. Do the Activity – CH - 1
2. Explain about the co-axial cable, fibre optics cable, Twisted pair cable with figure.

Aim – To develop the skill regarding the cable.

Learning outcomes – Students will know about the Network cable
