

VALUE FOR WORK

Topic Question:

Should only the work we get paid for be considered as work?

Introduction:

When we hear the word "**work**," we often think of jobs where people get paid—like doctors, teachers, shopkeepers, or drivers. But is that the only kind of work that matters?

Key Points to Research and Include:

1. What is Work?
2. Name the members who work in your family and for the family (include domestic helpers).
3. Do they all get paid for their work? Is there anyone who is not being paid for the work he/she is doing?
4. List down the work done by the person who is not being paid for it.
5. How would it impact you and your family if he/she does not do the work?
6. Why All Work Matters? Why should we value all the work?

Draw a cartoon depicting a woman/man multitasking

Note- Do it in an interleaved punch sheet. Illustration/ cartoon should be done on the plain side and written work on the ruled side

Class VI
Mathematics Holiday Homework (2025-26)

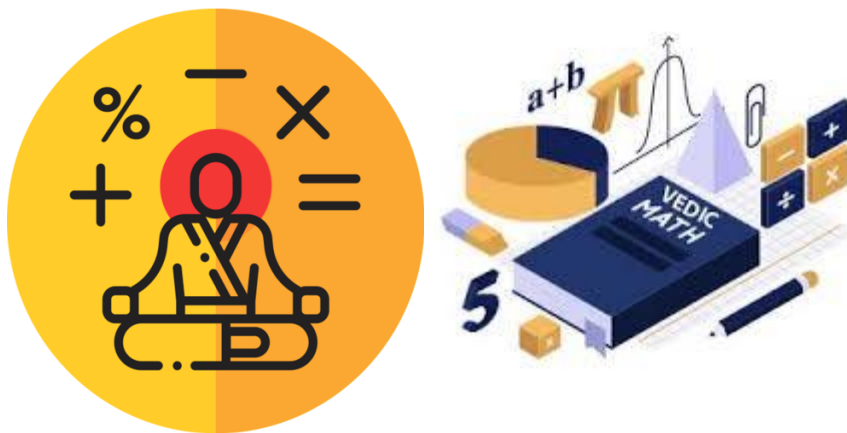
GENERAL INSTRUCTIONS:

- This Homework is divided in three parts
- Section A: Research work (Vedic Math)
- Section B: Creativity (3D Wind Chimes)
- Section C: Application Based Questions (Worksheet)

SECTION A

Ancient Math, Modern Minds!

Vedic Maths Exploration: Discover the Ancient Secrets!



This summer break, dive into the fascinating world of *Vedic Mathematics*! This is your chance to uncover how mathematics was done in ancient India and learn brilliant calculation tricks that can make your daily math work quicker and more exciting.

Learning Objectives:

- Discover the origin and significance of Vedic Mathematics.
- Learn and apply mental math tricks rooted in ancient techniques.
- Develop fluency and speed in solving day-to-day math problems.
- Encourage self-learning, research, and creative presentation of ideas.

Instructions:

1. **Understand Vedic Maths:**
 - a) What is it?
 - b) How and when was it discovered?
 - c) Who introduced it to the modern world?
2. **Explore & Learn Tricks:**

Find **5 to 10 Vedic Maths tricks** that help with:

 - Fast addition and subtraction

- Quick multiplication and division
 - Any trick that helps with your day-to-day math
3. **Create & Present:**
- Show how these tricks can be used to solve regular math problems.
 - Create a presentation on punch sheets (3-4 Pages with cover page) or PPT to demonstrate your learning.

Rubrics:

- **Understanding of Vedic Maths:** Clarity and depth of concept.
- **Application of Tricks:** Demonstration of real-life usefulness.
- **Creativity in Presentation:** Use of visuals, examples, and innovation.
- **Accuracy & Effort:** Correct use of tricks and neatness of work.
- **Communication:** Ability to explain tricks in simple terms.

SECTION B [Creative Work]

Create a wind chime using different 3D shapes in reference to the given video

<https://pin.it/5WjTZk1GA>

SECTION C

I. Do the following questions in the Math practice copy:

- Q1) How many thousand make a lakh?
- Q2) How many 5 digit number are there in all?
- Q3) What comes before 10000000?
- Q4) What comes after 9547999?
- Q5) A scooter costs Rs.36,725. How much will 487 such scooters cost?
- Q6) The sum of two numbers is 10750308. If one of them is 8967519, what is the other number?
- Q7) Round each of the following numbers:
- a) 3869 (nearest ten)
 - b) 4826 (nearest thousand)
- Q8) Estimate:
- a) $957-578$ (nearest hundred)
 - b) 361×231 by rounding off each number to nearest hundred.
- Q9) Find the difference in place value and face value of 5 in 85419.
- Q10) Last year, three sugar factories in town produced 24809565 bags, 18738576 bags and 9564568 bags of sugar respectively. How many bags were produced by all the three factories during last year?
- Q11) Build the greatest and smallest 4-digit number using the digits 3,0,8 (repetition is allowed).



1. Complete the Pattern

- a. 2, 4, 6, 8, ____, ____
- b. 81, 72, 63, ____, ____

2. Missing Number

Find the missing number in the pattern:

- a. 3, ____, 9, 12, ____, 18
- b. 1, 2, 4, ____, 16, ____

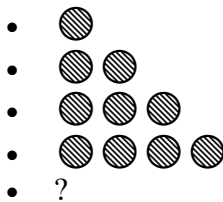
3. Word Problems

a. A snail climbs 3 cm every hour. How high will it be after 5 hours if it starts from 0? List the pattern of its height every hour.

b. A pattern goes like this: Monday – 2, Tuesday – 4, Wednesday – 6... What will be the number on Sunday?

4. Growing Pattern with Shapes

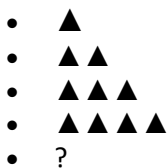
Look at the pattern:



Q: How many boxes will be in the 5th figure?

5. Triangle Pattern

The number of triangles increases in each row.







How many triangles are in the 5th row?

Bonus: What is the total number of triangles from rows 1 to 5?

6. Shape Rotation Pattern

A square rotates 90° clockwise in each step.

- Step 1: 
- Step 2: 
- Step 3: 
- Step 4: 

What will the square look like in Step 5?

CROSS-CURRICULAR HOLIDAY HOMEWORK (2025-26)
ENGLISH

CLASS 6

(Integrated with Science and Art)

Topic: Time Travel to Ancient India

Word Limit: 200-250 words

Task: Creative Story Writing

To Be Done On 3 Punch Sheets

Imagine you have gone on a thrilling time-travel adventure to ancient India!

1. Write a short story where you met an amazing person from the past - either the brilliant physician, Sushruta, or the father of Ayurveda, Charaka

- Describe your adventure: What incredible thing did they show or teach you (ancient medicine, treatments, foods with medicinal value etc.)?
- Make it creative and fun—include dialogue, surprises, and maybe even a twist!
- Draw a colourful picture of your adventure, showing what you saw or learned. Use your imagination and colours to bring your story or idea to life!
- Try to connect what you learnt from the past to how it is still useful in the world today.

2. Oliver Twist (Read chapters 1 to 13)

WISHING YOU A JOYFUL AND REFRESHING SUMMER BREAK!!!

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HOLIDAY HOMEWORK

CLASS 6

Topic: "A Journey to Ancient India"

Platform : Scratch Animation

Example:

- **A cartoon character travels to meet Aryabhata and learns about zero**
- **Visits a Gurukul to learn how students studied**
- **Learns about how Yoga started**

Skills Used: Coding blocks, dialogue, motion, sound

परियोजना कार्य (कक्षा 6)

विषय : अजंता की गुफाएँ— भारतीय कला और संस्कृति की अमूल्य धरोहर

परियोजना की रूपरेखा—

छात्र निम्नलिखित बिन्दुओं पर जानकारी हासिल करेंगे—

- **भौगोलिक परिचय**— अजंता की गुफाएँ किस प्रदेश के किस शहर में स्थित है ?
- **ऐतिहासिक परिचय**— गुफाओं की खोज कब और किसके द्वारा हुई थी ? इनके निर्माण काल के विषय में जानकारी हासिल कीजिए।
- **गुफाओं की वैज्ञानिक विशेषता**— अजंता की गुफाओं की रचना किस प्रकार की है और इनकी वैज्ञानिक विशेषता क्या है ? बिना किसी यंत्र के यह कैसे गूँजती हैं?
- **चित्रकला और मूर्तिकला**— गुफाओं में स्थित चित्रों और मूर्तियों की विशेषता क्या है और चित्रों में किस प्रकार के रंगों का प्रयोग किया गया है ?
- **धार्मिक और सांस्कृतिक महत्व**— अजंता की गुफाओं का बौद्ध धर्म से क्या सम्बन्ध है ?
- **निष्कर्ष**— धरोहर को बनाए रखने में मनुष्य को क्या सहयोग करना चाहिए ?

निर्देश—

- छात्र परियोजना कार्य पंचपेपर पर करें। 4 –5 पंच पेपर में पूर्ण कार्य करेंगे।
- प्रथम पृष्ठ पर हिन्दी परियोजना कार्य का विषय, नाम, कक्षा, एवं वर्ग स्पष्ट रूप से लिखा जाए।
- परियोजना कार्य को मानचित्र एवं सम्बन्धित चित्रों से सजाएँ ताकि वह अधिक प्रभावशाली और आकर्षक लगे।