

SUMMER VACATION HOLIDAYS HOMEWORK CLASS VI

Dear students , have you ever thought why do we get vacation? After a year of learning- unlearning cycle, Summer Vacation is the time for rejuvenation. Vacation is the healthy break that puts you and your parents into a different frame of mind; it gets you out of your standard patterns. But along with recreation some time should be planned for studies also. So all these Homeworks are to be done diligently by all of you. :)

ENGLISH

All the written work for English to be done on A4 Sheets and put in a folder to be submitted with the Subject Teacher.

1. Read Newspaper everyday to enhance your vocabulary and awareness.
 2. Read these two story books and write the characteristics of the main characters in these stories.
 - The Adventures of Rusty by Ruskin Bond.
 - The Blue Umbrella by Ruskin Bond.
 - Make Diary Entries of the first two days of your much awaited Summer Vacation. Each diary entry should be of 70 to 80 words. (Ensure to use Past Tense Verbs and words expressing emotions)
 - Read Unit 2 of your English Reader 'Hobbies' and Write a letter to your friend about the hobby you would like to pursue during the Summer Vacation (150 words)
 - On the basis of Reading of the story ' How Daddy Decided.....' Make a collage on A4 Sheet showcasing various professions and Occupations. Also write a few lines on what would you like to be, when you grow up!
- Prepare for your Unit 1 Examination to be held in July.

HINDI

1. ज्ञान सागर पाठ 1 से 4 तक प्रथम ईकाई परीक्षा हेतु दोहराइए ।
 2. प्रेमचंद की कोई दो कहानियाँ पढ़कर उससे प्राप्त शिक्षा को अपने शब्दों में लिखिए ।
 3. शरीर के अंगों से संबंधित कोई 10 मुहावरों का अर्थ लिखकर वाक्य बनाइए ।
 4. मित्र को पत्र लिखकर बताइए कि आप ग्रीष्मावकाश में क्या कर रहे हैं ।
- (सभी कार्य हिंदी कक्षा कार्य पुस्तिका में कीजिए)

MORAL EDUCATION

1. डायरी से ईश्वर स्तुति उपासना के एक मंत्र प्रतिदिन याद करें ।
2. श्रीकृष्ण जी के जीवन से सम्बंधित किसी एक घटना को लिखिए ।

3. शिष्टाचार से संबंधित छोटी- छोटी कहानियाँ पढ़िए, उनसे प्राप्त शिक्षा को अपनी कक्षा कार्य पुस्तिका में लिखिए ।
4. स्वामी दयानंदजी का चित्र बनाकर उनके विषय में लिखिए ।

नोट - सभी कार्य नैतिक - शिक्षा की कक्षा कार्य पुस्तिका में कीजिए ।

SANSKRIT

१. देशभक्ति से सम्बन्धित चित्र बनाइए और देशभक्ति का गीत कण्ठस्थ कीजिए और लिखिए | (A-4 size sheet)
२. संस्कृत वर्णमाला लिखिए और याद कीजिए | (A-4 size sheet)
३. एतत्, तत् और किम् शब्दरूप तीनों लिङ्गों में लिखिए और याद कीजिए |
४. पाठ ३-५ शब्दार्थ लिखिए और याद कीजिए |

SCIENCE

1. Revise Chapter- OUR ENVIRONMENT, FOOD AND NATURE OF MATTER for Unit Test-1 to be held in the month of July.
2. Submit the work given below in a file:
- A. Collect information on the percentage of fresh and saline water on the planet Earth.
- B. With information and pictures, show five ways to conserve water (indoor/outdoor).
- C. Design a poster / advertisement in public interest to show ways of water conservation / judicious use of water and paste it in your file .

SOCIAL SCIENCE

- * Our scientists are exploring outer space and looking for the existence of life on the other seven planets. If you are given an opportunity to travel into space, which planet of our Solar System would you search for life and why? (To be done in Geography notebook)
- * India's 'Unity in Diversity' is a unique feature which has always been our source of strength. How do you think living in India with its rich heritage of diversity adds to your life? (To be done in Civics notebook)
- * Give reasons for which the early man travelled from one place to another. Also mention how are these reasons different from the reasons for which we travel today in modern age. (To be done in History notebook)

COMPUTER

Design the Posters given below (each in 1 Slides) in **Open Office Impress**:

Please do not copy and paste these pictures directly. You can use text, autoshapes, images from gallery/internet, etc. to design the poster. Try to keep the same colour combination as given in the images.

Email the Poster/Banner to davprojects@gmail.com mentioning your name and class.

To install Open Office in your laptop/desktop click on this link

https://drive.google.com/drive/folders/1LE4zhjwGjHUja_xsgJiR6AorCU2Uaxv6?usp=sharing download the setup and install the software.)

<h1>S</h1> <p>Stay Safe</p> <p>Don't give out your personal information to people / places you don't know.</p> 	<h1>M</h1> <p>Don't Meet Up</p> <p>Meeting someone you have only been in touch with online can be dangerous. Always check with an adult you trust.</p> 	<h1>A</h1> <p>Accepting Files</p> <p>Accepting emails, files, pictures or texts from people you don't know can cause problems.</p> 	<h1>R</h1> <p>Reliable?</p> <p>Check information before you believe it. Is the person or website telling the truth?</p> 	<h1>T</h1> <p>Tell Someone</p> <p>Tell an adult if someone or something makes you feel worried or uncomfortable.</p> <p>Follow these SMART tips to keep yourself safe online!</p> <p><small>© Teaching IT Skills www.teachingit.co.uk</small></p>
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<h2>DO</h2> <ul style="list-style-type: none"> - Use at least eight characters. - Use combinations of letters (uppercase and lowercase), numbers, and symbols. 	<h2>DON'T</h2> <ul style="list-style-type: none"> - Don't use personal information or common words. - Don't use a password that's easy to guess 	<h2>TIPS</h2> <ul style="list-style-type: none"> - Don't share your password with anyone other than your parents. - Try to change your passwords regularly - ideally every six months.
<h1>HOW TO BUILD A STRONG PASSWORD</h1>		
<h2>STRONG</h2> <p>Easy for you to remember and difficult for someone else to guess.</p>	<h2>MODERATE</h2> <p>Not easy to guess by bad software, but could be guessed by someone who knows you.</p>	<h2>WEAK</h2> <p>Uses personal information, are easy to crack and can be guessed by someone who knows you.</p>

PRACTICE SUMS**NATURAL NUMBERS AND WHOLE NUMBERS**

1. In one store the number of bicycles sold in the year 2002-2003 was 7,43,214. In the year 2003-2004, the number of bicycles sold was 8,00,112. In which year were more bicycles sold? And how many more?
2. Fill in the blanks using Roman Numerals
 - a) CXIX - _____ = XLII
 - b) _____ + CCXXIV = CDLVI
3. Add each of the following and check by reversing the order of addends:

(i) 5628 + 39784	(ii) 923584 + 178
(iii) 21045 + 112	(iv) 458 + 641
4. Determine the sum by suitable rearrangements:

(i) 953 + 407 + 647	(ii) 15409 + 178 + 591 + 322
(iii) 2359 + 10001 + 2641 + 9999	
(iv) 1 + 2 + 3 + 4 + 1996 + 1997 + 1998 + 1999	
5. Determine each of the following products by suitable arrangements:

(i) 2 x 1497 x 50	(ii) 4 x 358 x 25
(iii) 495 x 625 x 16	(iv) 125 x 20 x 8 x 50
6. Using distributive property of multiplication over addition of whole numbers, find each of the following products:

(i) 736 x 108	(ii) 158 x 98
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7. Find each of the following products:

(i) 736 x 93	(ii) 816 x 107
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8. Find the values of each of the following using properties:

(i) 493 x 8 + 493 x 2	(ii) 24579 x 93 + 7 x 24579
(iii) 1568 x 184 - 1568 x 84	(iv) 15625 x 15625 - 15625 x 5625
(v) 3456 x 987 + 3456 x 13	(vi) 4238 x 1836 - 4238 x 836
(vii) 974 x 117 + 974 x 883	(viii) 965 x 87 + 965 x 13
(ix) 379 x 28 - 379 x 18	
9. Express each of the following as a Roman numeral:

(i) 164	(ii) 460	(iii) 611	(iv) 541
(v) 59	(vi) 226	(vii) 88	(viii) 700
10. Write each of the following as a Hindu-Arabic numeral:

(i) CDXIV	(ii) DVI	(iii) LXXVI	(iv) CCCLXV
(v) XXXIX	(vi) XCIV	(vii) CM	(viii) CXXVII
11. Estimate :
 - a) 418 + 567
 - b) 1038 - 289
 - c) 45 x 236
 - d) 1657 + 2098 + 616
12. Simplify :

a) 54 + (63 - 45) x 9 - 11	g) 81 ÷ 9 + [36 - (24 ÷ 6 + 7)]
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- b) $78 - [5 + 3 \text{ of } (25 - 2 \times 10)]$ h) $2 \times 6 - [28 \div (5 + 9)]$
 c) $25 - 48 \div 6 + 12 \times 2$ i) $13 - (12 - 18 \div 3)$
 d) $5 + 36 \div 2 \times 3 - 4$ j) $14 - [12 - (9 - 7)]$
 e) $1.2 \div 0.2 \times 0.6 + 4.8 - 3.4$ k) $19 + [14 \div (5 - 3) - 4]$
 f) $25 \times 2 - 42 \div 6 + 18$ l) $8 + 5 \{56 \div 8 - (2 + 3)\}$

FACTORS AND MULTIPLES

- Determine prime factorization of each of the following numbers:
 (i) 216 (ii) 420 (iii) 468 (iv) 945
 (v) 7325 (vi) 245 (vii) 210 (viii) 910
- Write the smallest 4-digit number and express it as a product of primes.
- Write the largest 4-digit number and give its prime factorization.
- Find the prime factors of 1729. Arrange the factors in ascending order, and find the relation between two consecutive prime factors.
- Test the divisibility of the following numbers by 8:
 (i) 8364 (ii) 7314 (iii) 36712
- Test the divisibility of the following numbers by 9:
 (i) 187245 (ii) 3478 (iii) 547216
- Test the divisibility of the following numbers by 11:
 (i) 5335 (ii) 70169803 (iii) 10000001
- In each of the following numbers, replace * by the smallest number to make it divisible by 3:
 (i) $75 * 5$ (ii) $35 * 64$ (iii) $18 * 71$
- In each of the following numbers, replace * by the smallest number to make it divisible by 9:
 (i) $67 * 19$ (ii) $66784 *$ (iii) $538 * 8$
- In each of the following numbers, replace * by the smallest number to make it divisible by 11:
 (i) $86 * 72$ (ii) $467 * 91$ (iii) $9 * 8071$

PROJECT WORK

MATHS PROJECT WORK FOR ROLL NOS 1 to 10

- Make a bookmark having your date of birth written in the format dd/mm/yyyy in Roman Numerals
- Do the research on any one historical monument like Taj Mahal, Red Fort and observe the symmetrical aspect of the monument. Write the year when it was made in Roman Numerals.
 Draw the picture of the same.

HINDI PROJECT WORK FOR ROLL NO.11-19

- रहीम एवं कबीर के जीवन के विषय में जानकारी प्राप्त कर उनके चित्र बनाकर संक्षिप्त में वर्णन कीजिए
- रहीम जी के दस दोहे चित्र बनाकर भावार्थ सहित लिखिए।
- कबीर जी के 10 दोहे चित्र बनाकर भावार्थ सहित लिखिए।
- किन्हीं 10 दोहों को याद कीजिए एवं कक्षा में गाकर सुनाइए।
 (प्रश्न 1 से 3 तक का कार्य अलग से पृष्ठों में करके एक फाइल तैयार कीजिए)

SOCIAL SCIENCE PROJECT WORK FOR ROLL NO: (20-29)

The Stone Age can be divided into three phases. The tools and weapons used by early man were different in shape and sizes.

Show how the tools of Neolithic man were better than those of the earlier periods. Make a comparative study between three phases of Stone Age keeping in view the types of tools used and the type of pottery made by early man.

Make a pictorial representation of tools & pottery made by early man in three different phases. The tools should be preferably drawn & shaded by child himself. (To be done in a scrapbook)

ENGLISH PROJECT WORK FOR ROLL NO: (30-39)

On the basis of reading of the Chapter ‘ Experiments With Truth’ by M.K.Gandhi (Literature), create a beautiful three folds Brochure(as explained in the class) depicting the various incidents in his life like:

- a) Pitribhakti from the play: Shraavan Kumar.
- b) Truthfulness from the play: Raja Harish Chandra.
- c) Once, when Gandhiji got late for Gymnastics and got punished by the Headmaster.
- d) When he stole a bit of gold from his brother’s armlet and wrote a confession letter to his father.

Draw pictures on your own, write the values you will imbibe and the incident related to that. Be as much creative and artistic as you can.

SCIENCE PROJECT WORK FOR ROLL NO: (40-49)

Since time immemorial, natural fibres have been used for apparel and home fashion.

Today many man-made fibres have been developed into beautiful fabrics that are being used by major designers. This summer break, have a great time sorting out your clothes and engaging with the given activity. Hope you enjoy doing this!

A. Reading and Understanding – Begin with reading the chapter-14 FABRIC FROM FIBRE in the textbook.

B. Research - Collect as many as different pieces and scraps of fibres and fabrics.

Gather information on ANY ONE CHOSEN FABRIC under the following heads:

- (i) Name of the Fabric and its source (Plant/ animal/ Man-made)
- (ii) Fabric and relevance of the region where it is used within India((cold and hot climate)
- (iii) Fabric and relevance to the use (its purpose – like for making bags, clothes, mats,etc)
- (iv) Properties of the fabric like strength, durability, absorption of water, etc.

C. Fabric assemblage /Collage -Now think of how you would like to present your collected fabrics as a collage.

Prepare a collage on A4 sheet paper using the fibres and fabrics collected.

Present the information collected about one chosen fabric on A4 sheets and submit it in a decorated folder.

References:

Class VI NCERT Text Book; <http://42 explore.com/fibers.htm> ;<http://www.fabrics.net/projects.asp>



(Group 1) Make a poster on “ Alternative sources of energy”

(Group 2) Make a poster on “ Save energy”