



Yuvashakti Model School

इकोइकोअ बाल इवतइकोलोः

SUMMER HOLIDAY HOMEWORK

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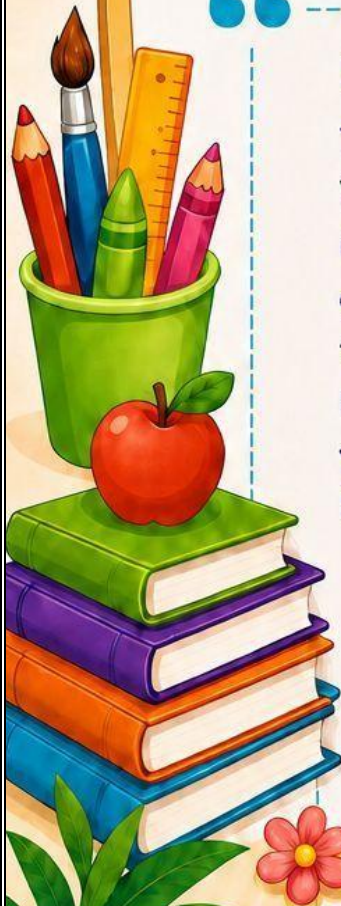
Dear Parent

The much-awaited summer holidays have arrived! With the bright sunshine and rising temperatures, it is a wonderful time to relax, unwind, and spend quality moments with your child at home. To make this period both enjoyable and meaningful, we have planned a range of creative activities for your child. These activities aim to encourage learning & strengthening your child's creativity, confidence, and curiosity.

We encourage you to support and guide your child as they complete these activities, ensuring a balance of learning, play, and rest. Do motivate them to express their ideas freely and enjoy every moment of this learning journey.

*Wishing you and your family
a safe, happy, and refreshing
summer break!*

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SUMMER BREAK



Spend quality time with family and friends.



Pursue your hobbies and interest.



Sharpen your skill and develop new ones.



Avoid playing in the sun, Drink plenty of fluids like water, juices.



Help your parent in household chores.

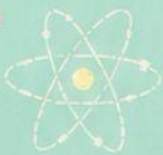


Summer vacation is the time to learn and enjoy. So spend this holidays creating a nurturing and stimulating environment filled with **fun, frolic** and learning.



GENERAL INSTRUCTIONS:

- **Revise the syllabus covered so far in each subject.**
- **All the subject holiday homework should be done according to the instructions given.**
- **The holiday homework would be graded.**
- **The assignments should be submitted to the respective subject teachers in the first week of July.**
- **Parents are requested to encourage your ward to do the assigned holiday homework Independently.**
- **Work must be original and should not involve plagiarism.**



A+



CLASS VIII ENGLISH

1. Complete Worksheets 1, 2, 3, 4 & 5 from the English Odyssey Worksheets.
2. Complete Worksheets 1 to 8 from English Grammar & Composition.
3. Revise all the work done in the class.
4. Read the novel "Around the World in Eighty Days" and write a book review of it in about 120-150 words.

The title of the book and the name of the author

The type/genre of the story

The main characters

A short summary of the story

Your favourite part or character

The message or lesson of the story

Your opinion about the book .

Instructions

*Write in your own words.

*Keep your work neat and well-presented.

*Add a cover page with suitable illustrations.

* Do book review in your English Grammar notebook.

(हिंदी)

नोट- परियोजना कार्य ए-4 आकार के पृष्ठों पर और अन्य सभी कार्य अपनी हिंदी व्याकरण की पुस्तिका में करें।

प्रश्न 1 किसी समाचारपत्र से संयुक्त व्यंजन के प्रयोग वाले 5 शब्द खोजकर लिखिए।

प्रश्न 2 वर्ण-संयोजन व वर्ण-विच्छेद को समझाते हुए 10-10 उदाहरण लिखिए।

प्रश्न 3 आपका ग्रीष्मावकाश कैसा बीता इसकी जानकारी देते हुए अपने मित्र को पत्र लिखिए।

प्रश्न 4 इकाई परीक्षा-1 का पाठ्यक्रम दोहराएं।

प्रश्न 5 अपनी पुस्तक 'बुद्धचरित' का पाठ 2 पढ़कर पाठ में से कोई 10 प्रश्न व उत्तर (एक शब्द अथवा एक वाक्य में उत्तर वाले) तैयार करके लिखिए।

प्रश्न 6 परियोजना कार्य (Project Work)-नीचे लिखे अनुक्रमांक (रोल नंबर) अनुसार करें।

- (i) (अनुक्रमांक 1-14) किसी बोली का नाम, क्षेत्र व 8-10 वाक्य उदाहरण सहित लिखिए।
- (ii) (अनुक्रमांक 15-28) रामधारी सिंह दिनकर जी का जीवन परिचय लिखिए।
- (iii) (अनुक्रमांक 29-42) साबुन के लिए चित्र सहित एक आकर्षक विज्ञापन बनाइए।
- (iv) (अनुक्रमांक 43 व उससे आगे) नीति पर आधारित 5 दोहे अर्थ सहित लिखिए।

MATHEMATICS

Note: Do all the questions on the A4 size ruled sheet.

1. Find the square root of 6561 using prime factorisation
2. Find the square of the numbers using column method
(a) 53 (b)90
3. The size of a plant cell and animal cell are 0.00001435 m and 0.000008 m respectively. Express it in the standard form. which type of cell is smaller?
4. Find x if $5^6 \times 5^7 = 5^{x+2}$
5. Write the expanded form of the following numbers using power of 10 (a) 53970 (b) 483.698
6. Find the cube roots of -4096 and 512
7. What is the smallest number by which 2400 may be multiplied so that the product is a perfect cube. find the required perfect cube so obtained.
8. Find the least square number which is exactly divisible by each one of the numbers 6,9,12
9. Express the following into a single exponential form:
(a) $3^5 \times 3^7 \times 3^{-4}$ (b) $6^5 \times 6^{10} \div 6^2$
10. Express the numbers in scientific notation (a) 8900000 (b) 0.0004567
11. A computer can perform 2^{20} Calculations per second. how many calculations can it perform in one hour
12. Find the cubes of the numbers. (a) 82 (b) 45
13. Find the least number which must be added to 4562 to make it perfect square
14. Find the squares of the following numbers using Diagonal method.
(a) 165 (b) 73
15. Express each of the following using the decimal notation
(a) 5.56×10^8 (b) 2.1×10^{12}
16. How many times is 4^8 larger than 4^2
17. Find the greatest perfect square of 5 digit number
18. Find the square root of the number 4937284 by long division method
19. Is 1728 a perfect cube
20. There are 9 pens in a box. every day a new box is brought in. how many pens would be there after 60 days. express in exponential notation

SCIENCE

- Do Experiment No-1.1,1.2,2.1,4.1,4.3 in Science Lab Manual book .
 - Write the below questions and their answers on the loose ruled pages.
- Answer the following questions.
 1. What do you mean by a balanced diet?
 2. Name any two diseases caused by lack of nutrients.

3. What are communicable diseases? Give one example.
4. How can we prevent the spread of infectious diseases?
5. Define force. What are the different effects of force?
6. What is friction? Explain its types.
7. Give one example of contact force and non-contact force.
8. Explain the importance of personal hygiene in maintaining good health.
9. Explain how friction can be both useful and harmful.
10. Describe the role of exercise and rest in a healthy lifestyle.

➤ Assertion–Reason Questions

Choose the correct option for Q-11 to 15

- A. Both Assertion and Reason are true and Reason is the correct explanation of assertion.
B. Both are true but Reason is not the correct explanation.
C. Assertion is true but Reason is false.
D. Assertion is false but Reason is true.
11. **Assertion:** Eating junk food regularly is harmful to health.
Reason: Junk food lacks essential nutrients and contains excess fats and sugar.
12. **Assertion:** Friction always opposes motion.
Reason: Friction acts in the same direction as motion.
13. **Assertion:** Regular exercise keeps the body fit.
Reason: Exercise improves blood circulation and strengthens muscles.
14. **Assertion:** A force can change the shape of an object.
Reason: Applying force can compress or stretch an object.
15. **Assertion:** Gravitational force is a contact force.
Reason: It acts between objects without physical contact.

SOCIAL SCIENCE

NOTE...DO HOLIDAY ASSIGNMENT SEPARATE NOTEBOOK

Q1. Write about the achievements of following rulers:

1. Alauddin Khilji
2. Muhammad bin Tuglaq
3. Akabar
4. Shah Jahan

Q2. Write short answers

1. List the welfare work done by Firoz Shah Tughluq.
2. Who were Harihara and Bukka?
3. List two problems that Humayun faced when he ascended the throne?
4. Define sustainable development.
5. What has Babar described in Tuzuk-i Baburi?

6. How did Sher Shah encourage trade?
7. Write any two steps taken by Akbar to gain the loyalty of the Rajputs.
8. Discuss Aurangzeb's Deccan policy.
9. Write about the expansion and consolidation of the Mughal Empire under Jahangir.
- 10 Write any two reasons that promoted Muhammad bin Tuglaq to shift the capital to Daulatabad.

Q3. Give long answers for the following questions.

1. Discuss the central and provincial administration of the Mughals.
2. What were the main features of the mansabdari system?
3. Distinguish between renewable and non-renewable resources.
4. How did organic farming changed the environment and life of the farmers in Sikkim?
5. Biotic resources are renewable. Then why did the Dodo bird become extinct?
6. How did Krishnadev Raya make his kingdom powerful and prosperous?
7. Explain the importance of literary sources for the Sultanate period. Which other sources tellus about this period?
8. Why did Ala-ud-din Khalji introduce the market control policy? How did he enforce it?
9. Describe the architectural achievements of Shah Jahan.
10. "Muhammad-bin Tughluq's schemes were well-conceived but poorly executed". Discuss this statement with reference to his token currency experiment.

Q 4. Make an A4 sheet size poster...2 slogans or 5 tips on how to save water or save electricity.

Q 5. On the political map of India locate and label the following

1. Coal field – Raniganj
2. Iron ore mine – Singhbhum
3. Petroleum – Mumbai High
4. Forest area – Andaman & Nicobar Islands
5. Solar park – Bhadla, Rajasthan

Q 6. Map Book:Do Page no.8,12,16,30,32,34,& 36.

*. Learn Chapter 1,2,& 3 for UT 1

संस्कृतम्

नोट : निम्नलिखित ग्रीष्म अवकाश कार्य संस्कृत की उत्तर पुस्तिका में करें ।

प्रश्न1) गद्यांश पठित्वा उत्तराणि लिखत

अद्यत्वे वयं पश्यामः यत् प्रायः जनाः शिक्षिताः तु सन्ति, परं व्यवहारकुशलाः न सन्ति। ते शुकवत् पठितं विषयं रटन्ति तु परं तदनुसारम् आचरणं न कुर्वन्ति यथा ते पुनः पुनः रटन्ति यत् 'उद्यमेन हि सिध्यन्ति कार्याणि न मनोरथैः? परम् उद्यमम् कर्तुं न इच्छन्ति। एतत् सर्वथा अनुचितम्।

यस्तुतः सा एवं विद्या लाभकरी यस्याः उपयोगः अपि भवेत्। प्रयोगेण रहिता विद्या तु गर्दभस्य पृष्ठे स्थापितम् भारम् इव अस्ति।

एकपदेन उत्तरत।

(क) जनाः कथं पठितं विषयं रटन्ति?

(ख) कार्याणि केन सिध्यन्ति?

पूर्णवाक्येन उत्तरत।

(क) कीदृशी विद्या लाभकरी ?

(ख) अद्यत्वे प्रायः जनाः कीदृशाः सन्ति ?

यथानिर्देशम् उत्तरत।

(क) 'जनाः व्यवहारकुशलाः न सन्ति' अत्र अव्ययपदं किम् ?

(जनाः / व्यवहारकुशलाः / न)

(ख) 'तदनुसारम् आचरणं न कुर्वन्ति' अत्र 'व्यवहारः' इति पदस्य समानार्थकपदं किम् ?

(तदनुसारम् / आचरणम् / कुर्वन्ति)

(ग) 'उपयोगः अपि भवेत्' अत्र किं क्रियापदम् ?

(उपयोगः/ अपि/ भवेत्)

प्रश्न2. संवादलेखनम् मञ्जूषायाम् दत्तानाम् पदानां सहायतया अधोदत्तान् संवादान् पूरयत-

अभिनवः - मित्र, किं त्वम् पश्यसि ?

अरुणः - नहि, अहम् त्वया सह वार्ता करोमि।।

अभिनवः - अलम् । किं त्वम् क्रिकेट्-प्रतियोगिताम् अपश्यः?

अरुणः - आम्, अहम् एव पश्यामि।

अभिनवः - अद्य खेलः अतीव वर्तते । कस्य भविष्यति, भारतस्य वा वा?

अरुणः विजयः कस्य भविष्यति इति कोऽपि न जानाति । अहं तु आनन्दम् अनुभवामि ।

पाकिस्तानस्य, विजयः, खेलस्य, दूरदर्शनम्, दूरभाषेण, उपहासेन, क्रिकेट्-खेलम्, रोचकः।

प्रश्न3) संस्कृते अनुवादं करोतु । (संस्कृत में अनुवाद करो)

1. एक जंगल में एक शेर रहता था।
2. वह पशुओं को मारता था।
3. खरगोश बहुत बुद्धिमान था।
4. खरगोश ने एक कुआँ देखा।
5. कुएँ में दूसरा शेर रहता था।
6. शेर कुएँ में कूद गया।
7. मायादास एक राजा था।
8. वह बहुत ही लालची था।
9. मुनि की बात सत्य थी।

10. उसे बहुत प्यास लगी।
11. वह भूखा-प्यासा रहने लगा

प्रश्न4) रिक्तस्थानानि पूरयत।

1. एकस्मिन् वने एकः सिंहः-----।
2. त्वम्----- अनेकान् जीवान् मारयसि।
3. शशकः----- एव गच्छति स्म।
4. अहं त्वाम् -----।

प्रश्न5) पर्यायवाची शब्दाः लिखत।

1. भूपतिः
2. मुनिः
3. कुसुमम्
4. पुत्री

प्रश्न6) अधोलिखितेषु क्रियापदेषु 'क्त्वा' प्रत्ययं योज्य नवान् क्रियापदान् लिखत।

1. पठ् + क्त्वा = पठित्वा
2. खाद् + त्वा
3. नम् + त्वा
4. दृश् + त्वा
5. स्था + त्वा
6. भू + त्वा
7. गम् + त्वा
8. श्रु + त्वा
9. चल् + त्वा
10. हस् + त्वा

प्रश्न7) शब्द रूप - तत् (पुल्लिंग) तथा मुनि धातुरूप - कृ, भू (पाँचों लकारों में) उत्तर पुस्तिका में करने हैं।

प्रश्न8) निम्नलिखित गतिविधि अपने अनुक्रमांक (Roll No)के अनुसार बनाएं ।

- क) अनुक्रमांक 1-10 , A-3 पृष्ठ पर सुन्दर तथा स्पष्ट शब्दों में वन्दना लिखें।
- ख) अनुक्रमांक 11-21 , A-3 पृष्ठ पर छात्रों के प्रमुख कर्तव्य सुन्दर तथा स्पष्ट शब्दों में लिखें। (संदर्भ पाठ-4 विद्यार्थी जीवन)
- ग) अनुक्रमांक 22-32 , A-3 पृष्ठ पर विद्यार्थी के पाँच लक्षण सुन्दर तथा स्पष्ट शब्दों में लिखें। (संदर्भ पाठ-4 विद्यार्थी जीवन)
- घ) अनुक्रमांक 33-43 , A-3 पृष्ठ पर मुनि के शब्द रूप सुन्दर तथा स्पष्ट शब्दों में लिखें।