



Dwarka International School

Session 2024-25

Class - VIII





*Full of joy is early Summer,
Growth and warmth and golden light;
Every day is crowned with beauty,
Full of loveliness the night.
Dazzling sunshine brings the roses,
Fills the whole bright world with bloom;
Day and night rejoice together,
Banished now are doubt and gloom.
-Ellwood Roberts*

Dear Students and Parents,

As we embark on the summer vacation, I want to remind you of the importance of continued learning and growth during this time away from school.

To ensure that our students remain engaged and academically stimulated, we have assigned summer vacation homework for all classes. This homework is designed to reinforce concepts learned throughout the year and to prepare students for the upcoming academic term.

I urge all students to approach their summer homework with diligence and responsibility. Completing these assignments will not only enhance your academic skills but also help you start the new school year on the right foot.

Parents, your support in encouraging your children to complete their summer homework is invaluable. By working together, we can ensure that our students continue to thrive academically.

GUIDELINES FOR STUDENTS

- Ensure timely submission of holiday homework after the reopening of the school.
- Try to incorporate creativity and innovation.
- Revise all the topics that have been taught by your subject teachers in the new session.
- Take up an activity at home which you enjoy for example sketching, dancing, gardening etc.
- UT 2 syllabus is provided at the end. Kindly revise.

Wishing everyone a productive and enjoyable summer break!

Warm regards.

THEME: 3 R's(Reuse, Reduce and Recycle)



ENGLISH



1. Prepare a project file on A4 size sheet on the topic “Say no to plastic or plastic pollution” and its effects on the environment. Include these following points given below. Use illustrations/drawings/paintings/pictures.
 - (a) index
 - (b) introduction and definition of the topic
 - (c) impact of plastic pollution and its causes with pictures
 - (d) impact of plastic pollution on marine life, wildlife and human health
 - (e) steps to be taken by individual and communities to reduce plastic usage.
 - (f) Importance of recycling and sustainable alternatives to plastic

NOTE: Use colourful and informative pictures and illustrations to complete your project.
2. Use any waste or discarded material in your house and remake or turn into something resourceful.
3. Complete Comprehension Passages (1 to 3) of the Grammar book on pages (161 to 167).
4. Complete L-2 ‘Face on the Wall’ of the English Workbook.

WORKSHEET

(Take out the printout and paste it in English notebook.)

Q.1 Fill in the blanks using the correct form of the verbs:

i) My sister _____ already _____ the food.

- a) Is, cooking. b) has, cooked c) was, cooked d) did, cooked

ii) _____ you _____ a newspaper every day?

- a) are, reading b) have, read c) do, read d) were, reading

iii) What time does the tense in the following sentence express?

I wish I knew the answer.

- a) present time b) past time c) future time d) none of the above

iv) He _____ before he called him.

- a) have finished b) had finished c) have finish d) has finish

v) He _____ very little when there are strangers present.

- a) had always spoken b) was always speaking
c) is al always speaking d) always speaks

Q.2 Fill in the correct form of the verb based on all tenses.

1. They _____ in Chicago for 20 years. (be)
2. I _____ a wonderful film at the cinema last night. (see)
3. The sun _____ at 6:38 yesterday morning. (rise)
4. The sun _____ when the climber reached Mount Everest. (shine)
5. I promise that I _____ this secret to anyone. (not tell)
6. Unfortunately, just as we got to the airport their plane _____ off. (take)
7. They _____ to the movies only once in a while. (go)
8. I was tired yesterday because I _____ well the night before. (not sleep)
9. Everyone _____ when the earthquake hit the small town. (sleep)

Q.3 Go through the sentences and change their tenses as directed.

1. The baby cried for hours. (Present Perfect Continuous Tense)
2. Robert ate all the cookies. (Present Perfect Tense)
3. I have finished my assignment. (Past Perfect Tense)
4. The boat sailed yesterday. (Simple Present Tense)

हिंदी



प्रश्न 1 'प्लास्टिक पर प्रतिबंध' को दर्शाते हुए चित्र सहित एक पोस्टर बनाइए।

प्रश्न 2 पढ़ाए गए सभी पाठों की पुनरावृत्ति करें तथा प्रश्न उत्तर याद करें।

प्रश्न 3 'वीरता का भाव' दर्शाने वाली कोई एक कविता ए-4 साइज पर लिखकर याद कीजिए।

कार्यपत्रिका

(कार्यपत्रिका की छायाप्रति (Printout) निकालकर उत्तर पुस्तिका में चिपकाइए |)

प्रश्न 1 निम्नलिखित अपठित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए।

मानव -जीवन में शिक्षा का महत्वपूर्ण स्थान है। शिक्षा" संस्कृत शब्द "शिक्ष" से निकला है, जिसका अर्थ होता है "शिक्षक की शिक्षा"। इस का मतलब है कि शिक्षा एक ऐसी प्रक्रिया है जिसमें ज्ञान, सूचना, और कौशल की प्राप्ति होती है और इसे एक व्यक्ति से दूसरे व्यक्ति के माध्यम से सीखा जाता है। शिक्षा एक महत्वपूर्ण प्रक्रिया है जो मनुष्य के जीवन में ज्ञान, संज्ञान, और बुद्धिमत्ता का विकास करती है। शिक्षा के बिना उसका जीवन पशु तुल्य है। प्रत्येक देश की भावी नागरिक विद्यार्थी ही होते हैं। देश की आशा देश के नवयुवकों पर होती है। नवयुवकों की जैसी शिक्षा-व्यवस्था होगी, देश का भविष्य भी वैसा ही होगा। प्रत्येक देश का भविष्य उसकी शिक्षा और विद्यार्थियों पर आधारित होता है। शिक्षा का उद्देश्य मनुष्य को मनुष्य बनाना, उसमें आत्मनिर्भरता की भावना भरना तथा चरित्र निर्माण करना है। शिक्षा के बिना हमारा जीवन अधूरा लगता है। शिक्षा के बिना हम ज्ञान, समझ और सोचने की क्षमता से वंचित रह जाते हैं। यह एक ऐसा माध्यम है जो हमें समझने और सीखने में मदद करता है और हमारे व्यक्तिगत और सामाजिक विकास को बढ़ावा देता है। इसी प्रकार शिक्षा भी व्यक्ति को स्वतंत्र बनाने में सहायक होती है।

(क) शिक्षा का क्या अर्थ है ?

उत्तर-----

(ख) शिक्षा का क्या उद्देश्य है?

उत्तर-----

(ग) प्रत्येक देश के भावी नागरिक कौन होते हैं?

उत्तर-----

(घ) देश की आशा किस पर टिकी होती है?

उत्तर-----

(ङ) उपर्युक्त गद्यांश का उपयुक्त शीर्षक लिखिए।

उत्तर-----

प्रश्न2 दिए गए शब्दों को भाववाचक संज्ञा शब्द में बदलिए।

(क) आप-----

(ख) प्रभु-----

(ग) इंसान -----

(घ)चिल्लाना-----

प्रश्न3 दिए गए वाक्यों में रेखांकित शब्दों का लिंग बदलकर रिक्तस्थान की पूर्ति कीजिए।

(क) गर्मी की छुट्टियों में मैं अपने दादा- ----- के पास शिमला जाऊंगा।

(ख) वह स्वयं तो बहुत बड़ा विद्वान है ,साथ ही उसकी पत्नी भी बड़ी----- है।

(ग) वहां मदारी बंद रऔर -----का नाच दिखा रहा है।

(घ) फिल्मोत्सव में सर्वश्रेष्ठ----- और सर्वश्रेष्ठ अभिनेत्री को पुरस्कार मिले।

प्रश्न 4 सही कथन पर सही तथा गलत कथन पर गलत लिखिए।

(क) लिंग के दो भेद होते हैं।

(ख)' इच्छा' शब्द का पर्यायवाची कामनाहै।

(ग) जब एक ही शब्द अलग-अलग अर्थ देते हैं ,तो उन्हें विलोम शब्द कहते हैं।

(घ) 'बुढ़ापा' जातिवाचक संज्ञा का उदाहरण है।

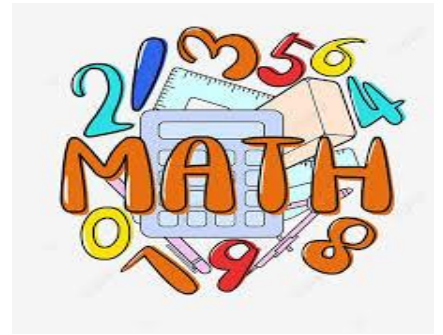
(ङ) द्रव्यवाचक संज्ञा के अंतर्गत समूहवाची शब्द आते हैं।

प्रश्न 5 दिए गए शब्दों के विलोम शब्द लिखिए।

(क) दयालु----- (ख) श्रीगणेश-----

(ग) कनिष्ठ----- (घ) इहलोक-----

MATHEMATICS



1. Learn multiplication tables from 2 to 20.
2. Revise all the chapters done in the class.
3. Solve Check your progress, Mental Maths, Objective type questions of Ch 1(Rational numbers), Ch 2 (Exponents and Power) and Ch 3(Square and Square roots) in separate notebook.
4. Mathematics and the 3R's- Reducing, Reusing and Recycling with Numbers.

(a) Conduct a small waste audit at your home. Track the amount of waste generated in a week.

Categorize the waste into paper, plastic, metal, organic etc.

Use bar graphs or pie chart to represent the data.

(b) Create a working model on any topic of Mathematics by reusing and recycling the waste that you will get from your home

(Use of thermocol sheet is not allowed)

(c) Prepare a poster that highlights the 3 R's (Reduce, Reuse and Recycle) in Mathematics – your poster can be informative and visually appealing. You can include pictures, graphs, data to make it more attractive.



SCIENCE



Q1. 3R's- REDUCING E-WASTES: (To be done in Science Notebook)

Reducing electronic waste (e-waste) is vital, as it is the fastest-growing domestic and commercial waste stream in the world. E-waste includes any type of electronic item with a plug, cord, and/or battery. Efficient management of e-waste can improve these figures and ensure as much domestic and commercial electrical waste is reused, recycled, and reduced as possible.

- (a) What is e-wastes? How does it damage the environment and our health?
- (b) What steps can be taken to bring an awareness regarding reducing e-wastes? (*List any 10 steps*).

Q2. Ch: 3- SYNTHETIC FIBRES AND PLASTICS (To be done in Science Notebook)

- (a) Name any two synthetic fibres with their properties and uses.
- (b) Plastic utensils are used for heating in microwave ovens. However, there is a growing concern in using plastic cookware. Why do you think so?

Q3. PROJECT: Model Making

Prepare a model using the theme of 3Rs, Energy conservation, Solar energy, Reusing Plastics, Waste management, Biogas Plants, etc.

WORKSHEET

(Take printout and paste it in the Science notebook.)

I. Choose the correct option:

(i) Which of the following is a plantation crop?

- (a) Cotton (b)Wheat (c)Coffee (d)Rice

(ii) Which of the following crop will enrich the soil with nitrogen?

- (a)Apple (b)Peas (c) Potatoes (d) Rice

(iii) Domesticated animals that are kept for use or profit are collectively called as _____.

- (a)Pet animals (b) Domestic animals (c) Livestock (d) Animal stock

(iv) Cultivation of fruits, vegetables and ornamental plants is _____.

- (a) Floriculture (b) Horticulture (c) Pisciculture (d) Sericulture

II. Identify the following:

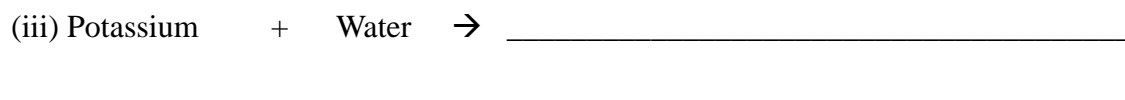
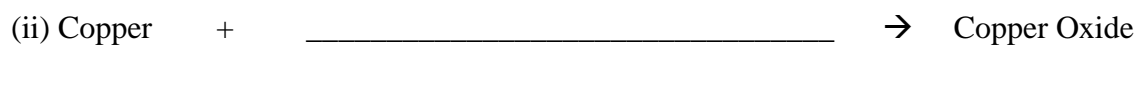
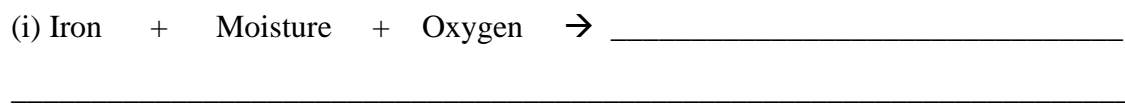
- (i) _____ is a non-metal used in the vulcanization of rubber.
- (ii) _____ element is used to make matchstick heads.
- (iii) _____ crystals are used for keeping time in watches.
- (iv) _____ is a non-metal present in hair, eggs and wool.

III. Which preservation methods would you choose for following food products?

- (i) Fruit salad (ii) Fresh milk
- (iii) Raw vegetables (iv) Green mango
- (v) Potato chips (vi) Fruit Jam



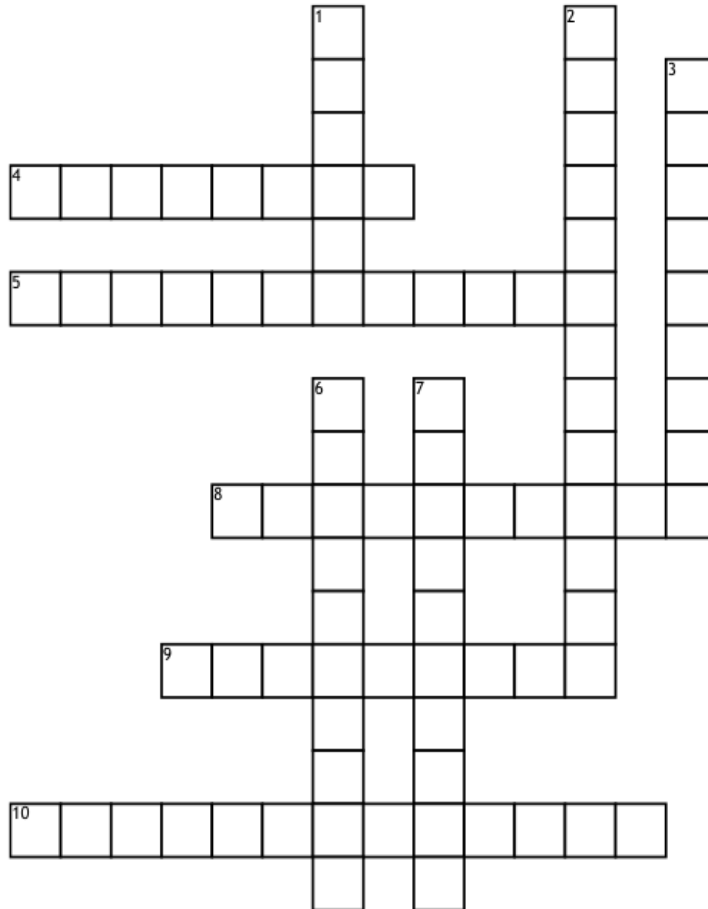
IV. Complete the following equations with their chemical formulae and balance them:



V. Solve the following crossword with the given clues:

Name: _____ Date: _____

Microorganisms



Across

- 4. Simple, one-celled organism that multiplies rapidly.
- 5. Bleach solution is an example of:
- 8. A process that inhibits the growth of pathogenic organisms but are not effective against spores and viruses.
- 9. An organism that lives and reproduces in the absence of oxygen.
- 10. A process that destroys all microorganisms including spores and viruses.

Down

- 1. Any object contaminated with infectious material that contains pathogens (e.g. doorknob, soap dispenser, table top).
- 2. An infection that occurs when the body defences are weak.
- 3. Microorganisms that cause infection and disease.
- 6. Hand sanitizer is an example of this:
- 7. An infection present in healthcare facility and transmitted by healthcare workers to the patient.

SOCIAL SCIENCE



- ❖ Prepare a report on Solar Energy- Game Changer for Bharat. Collect information related to Solar Energy over the years and its impact on man's life.

NOTE: (a) Should be done in Social Science notebook in your handwriting.
(b) Not more than 3 pages.
(c) It should include pictures also.

- ❖ Tilkha Majhi and Birsa Munda led the tribal revolt against the British. Find out the names of other tribal leaders (at least 4) who led revolts against British. Gather some information related to them and mention some remedial measures taken by the Indian government to help the tribal people.

NOTE: (a) Prepare a project on A-4 size sheets and maintain a file of it.
(b) Should include Introduction, Acknowledgement, Certificate, Index, Conclusion, Bibliography.
(c) It should include pictures also.

WORKSHEET

(Take printout and paste it in the Social Science notebook.)

Q1. Fill in the blanks.

- Haidar Ali and _____ were the rulers of Mysore.
- It was fought between the forces of the British East India Company led by Robert Clive and the army of the Nawab of _____.
- It was a decisive battle between the British East India Company and the combined forces of the Nawab of Awadh, the Mughal Emperor, and the Nawab of _____.
- According to the Treaty of Allahabad, the Mughal Emperor granted the Diwani rights of Bengal, Bihar, and Orissa to the _____.
- The Treaty of _____ was signed after the defeat of Tipu Sultan in the Fourth Anglo-Mysore War.
- The Second Anglo-Sikh War ended with the annexation of the Punjab and the deposition of Maharaja _____.
- The first English factory was set up on the banks of the river _____ in 1651.
- _____ was annexed on the pretext of alleged misgovernance.

Q2. Write True or False.

- i. Maharaja Ranjit Singh was the ruler of Punjab.
- ii. The Battle of Plassey marked the beginning of British rule in India.
- iii. The Treaty of Allahabad was signed in the 17th century.
- iv. The British did not introduce administrative changes in the territories they conquered.
- v. The royal charter could not prevent other Europeans from entering the Eastern markets.
- vi. The Third Anglo-Maratha War of 1817-19 crushed Maratha power.
- vii. Tipu Sultan disallowed local merchants from trading with the Company.

. Q3. Multiple Choice Questions.

- (i) Which one was not a trading company?
(a) The Portuguese (b) The Dutch (c) The French (d) The Japanese

- (ii) What was farman?
(a) It was a royal dress. (b) It was a royal order.
(c) It was a royal food. (d) It was a royal procession.

- (iii) What was the outcome of the Anglo-Sikh Wars?
(a) Annexation of the Punjab by the British (b) Establishment of Sikh rule in India
(c) Independence for the Sikh Empire (d) Establishment of French control over the Punjab.

- (iv) What rights did the British gain according to the Treaty of Allahabad?
(a) Right to collect taxes (b) Right to establish forts
(c) Right to issue currency (d) Right to appoint the Mughal Emperor.

- (v) Who led the British forces in the Battle of Plassey?
(a) Siraj-ud-Daulah (b) Mir Jafar (c) Robert Clive (d) Shah Alam II

- (vi) Which of the following factors contributed to the fall of Indian states during the period of British colonialism?
(a) Economic prosperity (b) Political unity
(c) Military inferiority (d) Technological superiority

- (vii) How did the lack of political unity among Indian states affect their ability to resist colonialism?
(a) It facilitated collective resistance against colonial powers
(b) It led to the establishment of a centralized authority.
(c) It weakened efforts to resist colonial domination.
(d) It strengthened alliances with neighboring states

Q4. Write the name of Governor Generals who formulated the following policies:

- i. Subsidiary Alliance ii. Paramountcy iii. Doctrine of Lapse

Q5. On the outline map of India, identify and locate the following:

- i. Plassey ii. Buxar iii. Mysore iv. Hyderabad v. Jhansi vi. Awadh

FRENCH



Réduire, Réutiliser et Recycler, c'est le trio de comportements gagnants pour une consommation plus responsable.

- Réduire nos déchets,
- Réutiliser nos objets pour allonger leur durée de vie autant que possible,
- Bien trier nos déchets pour qu'ils soient recyclés en nouvelles ressources.

Waste minimization can be achieved in an efficient way by focusing primarily on the three Rs' (Reduce, Reuse and Recycle) of Waste Management. This helps in conserving the natural resources, landfill space and energy.

1. Prepare an informative and eye-catching pamphlet showcasing various environment friendly ways of disposing off the waste.
2. Think of the ways and write down any 5 points to reduce, reuse and recycle (3Rs) resources around you. (to be done in the notebook)
3. Make a folder/ file using old newspapers/ shopping bags / waste paper.

Note: Write in French



संस्कृत

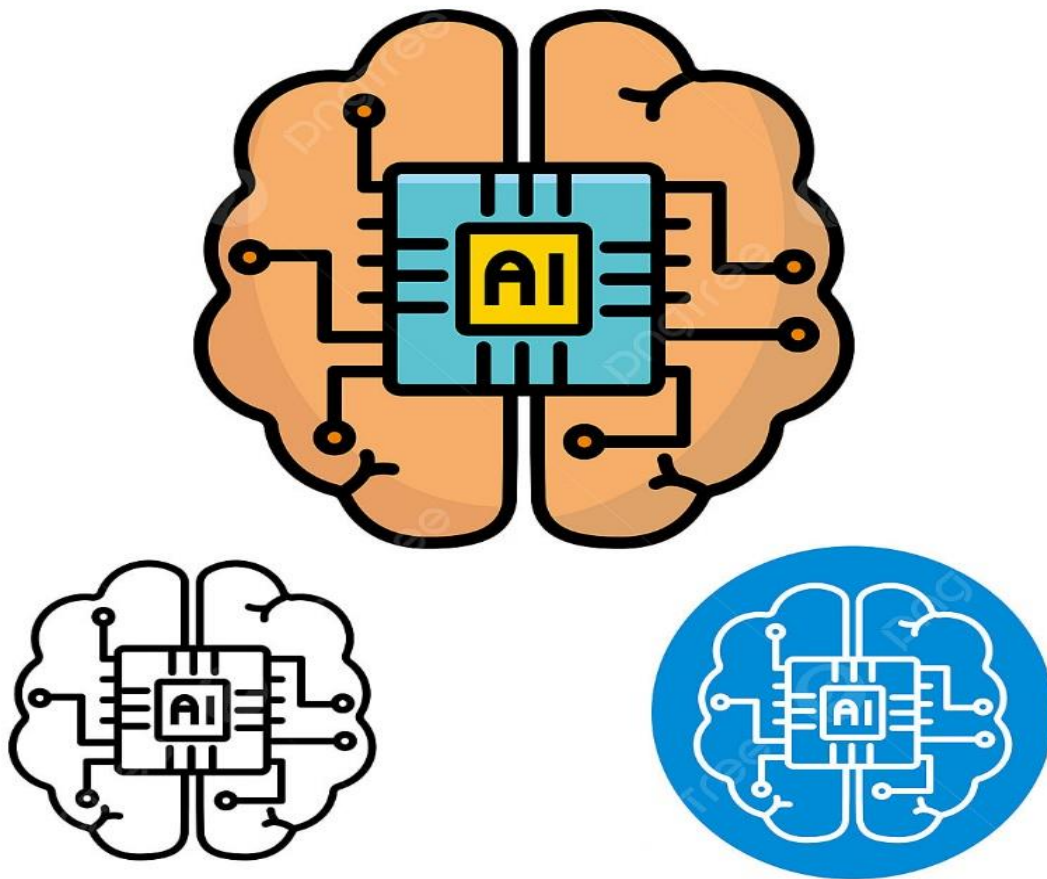
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- प्लास्टिक का प्रयोग करना चाहिए या नहीं ? यदि नहीं तो इससे होने वाले दुष्प्रभाव को पांच संस्कृत वाक्यों में चित्र सहित दर्शाएँ |
- पाँच वस्तुओं के चित्र चिपकाकर उनके नाम का वर्ण-विच्छेद कीजिए जिनका पुनः प्रयोग (RE-USE) किया जा सकता है |

ARTIFICIAL INTELLIGENCE

Q1: Complete Page No- 15-21 in Book.

Q2: Create a 3D model of ROBOT representing the feature of AI.



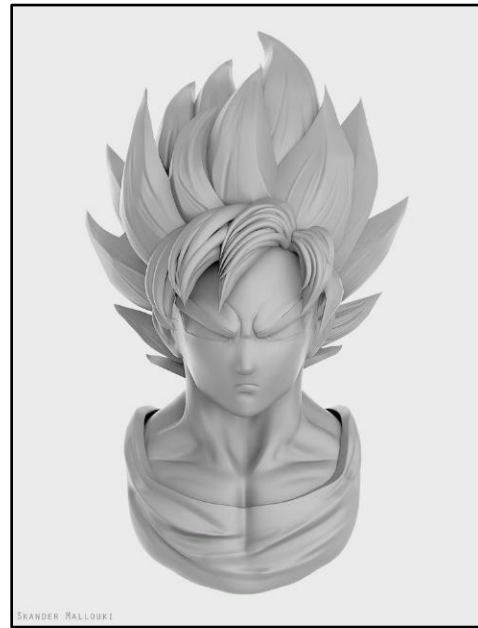
ART AND CRAFT

Do any one of the following:

- a) Create a jewellery, it can be a ring, a whole set, pair of earrings, bracelet or a pendant.
You can use any material (like foam clay, mould it clay, beads, ribbon, paper quilling)



- b) Create a 2D or 3D anime or cartoon structure. You can use foam clay or mould it clay to create the structure.



UT - 2 SYLLABUS

SESSION (2024 – 2025)

ENGLISH:

(Section A) Reading comprehension

(Section B) Writing-Letter writing (Formal)

Grammar- Future tense

(Section C) Ch-3 Face on the wall, Ch-5 The Treasure of Lemon Brown

HINDI:

अपठित काव्यांश

साहित्य (पाठमाला)पाठ-3 पढ़ाई परीक्षा और परिणाम और पाठ-4 गांव बड़ा या शहर।

व्याकरणपाठ 5(पर्यायवाची शब्द, विलोम शब्द ,अनेकार्थी शब्द) से पाठ- 9 तक ।

रचनात्मक कार्य -विज्ञापन लेखन , पत्र लेखन।

MATHS:

Ch - 3 Square and Square root

Ch - 4 Cube and Cube root

Ch -11 Understanding Quadrilaterals (Ex 11.1 and 11.2 only)

SCIENCE:

Ch-4: Metals and Non-metals

Ch-5: Coal and Petroleum

SOCIAL SCIENCE:

Ch-2 (From traders to rulers) -History

Ch-2 (Natural Resources+Map) – Geography

Ch-2 Parliament and Rule of law - SPL

XXXXXXXX