



NAVY CHILDREN SCHOOL, GOA
HOLIDAY HOMEWORK AY 2024-2025

DATE OF SUBMISSION: 10 th July 2024

Submission of homework to be done on A 4 sheets or as instructed by the subject teacher

GRADE IX	
ENGLISH	<p>I. Write and prepare ASL- Speaking Skills Topics</p> <ol style="list-style-type: none">1. My favourite Travel Trip2. The Need of Discipline in Life3. Impact of Smartphones4. My Dream Job5. If I were a Doctor6. My Favourite Book7. Man and Environment8. The habit of reading never leaves us alone9. Real learning through experience.10. Laughter is the best medicine11. Artificial Intelligence12. Sports and Sportsmanship <p><u>Instructions:</u></p> <ul style="list-style-type: none">· Students will choose any one topic of their choice.· Prepare a 1-2 min speech which will be delivered once the school reopens after summer vacation.· Keep a hard copy of the speech ready to submit to your teacher once the school reopens. (Please note that your Term 1 Subject Enrichment marks will be based on the speech.) <p>II. Do a Project</p> <p>Nowadays use of digital devices has increased and digital services have made our cash transactions easier and smoother. The Government of India has taken initiatives to digitalise cash transactions to buy things and pay bills. Following are some of the digital initiatives to make people use digital services.</p>



NAVY CHILDREN SCHOOL, GOA
HOLIDAY HOMEWORK AY 2024-2025



Take up a project (individual) to collect opinions of people (5-10) in your neighbourhood/family on the use of digital services in their daily life. Submit the hardcopy of the opinions and then write a report in about 100-120 words based on the opinions of the people about the use of digital devices.

Use project sheets .

HINDI

वाचन कौशल हेतु विषय -

- सतत अभ्यास के लाभ
- मन के हारे हार है मन के जीते जीत
- स्वच्छता अभियान
- लोकतंत्र में आम आदमी का स्थान
- ग्लोबल वॉर्मिंग
- दौड़ती ज़िंदगी
- विद्यार्थी जीवन और चरित्र निर्माण
- बढ़ती महँगाई : एक बड़ी चुनौती

इन सभी विषयों को पढ़कर समझना है। अवकाश के बाद इनमें से किसी एक विषय पर अपने विचार प्रस्तुत करने हैं। विषय का चयन अध्यापिका द्वारा किया जाएगा। इसके अंक टर्म-1 की गतिविधि के लिए मान्य होंगे।

- स्मृति - संस्मरण वाचन

संस्मरण में आपने पढ़ा कि उस समय विद्यालय व डाकखानों की सुविधा हर गाँव में उपलब्ध नहीं थी जबकि वर्तमान में यह सुविधाएँ हर



NAVY CHILDREN SCHOOL, GOA
HOLIDAY HOMEWORK AY 2024-2025

	<p>गाँव व क्षेत्र में हमें मिलती हैं। उस समय व आज के समय में से कौन-सा समय आपको बेहतर लगता है और क्यों? संस्मरण के आधार पर अपने विचार लगभग 150 से 200 शब्दों में लिखिए।</p>
SANSKRIT	<p>1. छुट्टियों में भ्रमण के दौरान जो भी दृश्य आपको आकर्षित करता है उसका वर्णन वीडियो अथवा PPT के माध्यम से सरल संस्कृत वाक्यों में कीजिए।</p> <p>अथवा</p> <p>अपने सुहृद् का उत्साह वर्धन करने हेतु संस्कृत सूक्ति के माध्यम से एक सुंदर सा कार्ड निर्मित कीजिए। कृपया कार्ड घर में उपलब्ध सामग्री से ही बनाएं। छुट्टियों से आने के बाद कक्षा में इसकी प्रदर्शनी लगाई जाएगी।</p> <p>2. आपको क्या-क्या करके प्रसन्नता मिलती है और आप क्या-क्या करने के लिए तत्पर रहते हो क्त्वा और तुमुन् प्रत्यय युक्त शब्दों से स्पष्ट कीजिए।</p>
MATHS	<p>A. Let students frame 2 case study based questions from chapters taught. Practice questions from chapters 1 and 2 (ongoing).</p> <p>B. Draw a Square root spiral in a new avatar.</p> <p>An example is given below</p> <p>SQUARE ROOT SPIRAL</p>



NAVY CHILDREN SCHOOL, GOA
HOLIDAY HOMEWORK AY 2024-2025

SCIENCE	<p><u>Journal work to be completed as instructed by the teachers.</u></p> <p><u>A sample of the same will be uploaded on MST</u></p> <p><u>BIOLOGY JOURNAL</u></p> <p>1. Preparation of stained temporary mounts of (a) onion peel, and (b) human cheek cells & to record observations and draw their labelled diagrams.</p> <p>2. Identification of Parenchyma, Collenchyma, and Sclerenchyma tissues in plants, striped, smooth, and cardiac muscle fibres and nerve cells in animals, from prepared slides. Draw their labelled diagrams. • Write Aim, Materials Required, Procedure, Observation, Diagrams, Result, Precautions. • Do Not write Theory. (Follow the instruction as given in the class) Date of Submission 28 June 2024.</p> <p>Date of Submission Wednesday, 28 June 2024.</p> <p><u>PHYSICS JOURNAL</u></p> <p>1. Determination of the density of a solid (denser than water) by using a spring balance and a measuring cylinder.</p> <p>2. Establishing the relation between the loss in weight of a solid when fully immersed in (i) tap water (ii) strongly salty water, with the weight of water displaced by it by taking at least two different solids.</p> <p>3. Verification of the laws of reflection for sound.</p> <p>4. Determination of the speed of a pulse propagated through a stretched string/slinky.</p>



NAVY CHILDREN SCHOOL, GOA
HOLIDAY HOMEWORK AY 2024-2025

Write Aim, Materials Required, Theory, Observation (on a blank page with pencil), Diagrams (on the blank page with pencil), Result, Precautions (any 3). Do Not write Procedure.

- Don't make any entry in the index. Do not write any date anywhere.
- ❖ Note down three readings of the speedometer and odometer of any vehicle. Note down the time as well. Calculate speed, velocity and acceleration / retardation for the three different journeys.

CHEMISTRY JOURNAL

1. Preparation of:

a) a true solution of common salt, sugar and alum

b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of

transparency/ filtration criterion / stability

2. Preparation of

a) A mixture

b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of: (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet (iii) behaviour towards carbon disulphide as a solvent (iv) effect of heat

3. Perform the following reactions and classify them as physical or chemical changes: Unit-I a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride



NAVY CHILDREN SCHOOL, GOA
HOLIDAY HOMEWORK AY 2024-2025

	<p>in the form of their solutions in water</p> <ol style="list-style-type: none">4. Determination of the melting point of ice and the boiling point of water.5. Verification of the law of conservation of mass in a chemical reaction. <p>Write Aim, Materials Required, Observation (on a blank page with pencil), Diagrams (on a blank page with pencil), Result, Precautions(any 2). <u>Do Not write Procedure and theory</u></p>
SOCIAL STUDIES	<p>His/Civics- With the help of newspapers prepare a timeline of events which happened as part of Lok Sabha election 2024. The timeline should be accompanied by newspaper clippings, describing the events.</p> <p>Economics: Imagine you are starting up an Industry, explain in detail about the different factors of production you will put to use,along with pictures/images. To be done in your notebook.</p>