

DELHI PUBLIC SCHOOL, BHILAI  
VACATION HOMEWORK, CLASS IX

NAME:

ROLL\_NO:

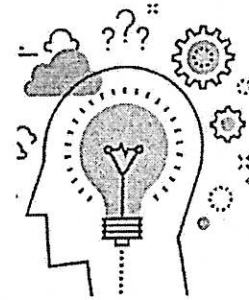
CLASS/ SEC

Imagine the world in 2030 and write a letter to your future self. Be sure to mention things that you think your future self would probably be doing and experiencing in daily life.

Place \_\_\_\_\_

Date \_\_\_\_\_

Dear \_\_\_\_\_



It feels a little strange to be writing a letter to my future self, but it's also rather exciting!

At present I am very interested in \_\_\_\_\_ and am sure this is a hobby that has proved beneficial and I am now a skilled \_\_\_\_\_.

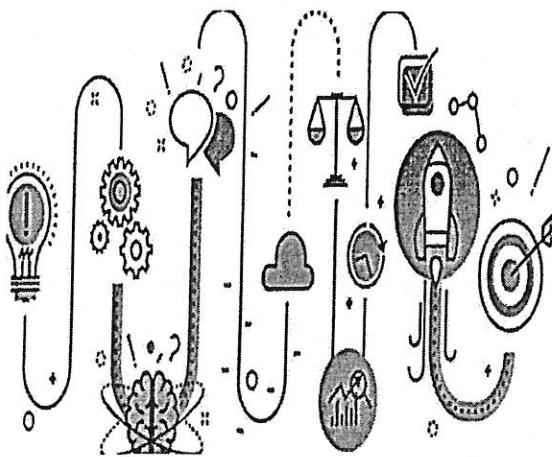
So tell me have things changed a lot? Do we still have a lot of \_\_\_\_\_?

Has Artificial Intelligence proved to be \_\_\_\_\_?

You must be so used to \_\_\_\_\_ while we struggle to \_\_\_\_\_.

Is our Pet \_\_\_\_\_ doing well or have you replaced it with \_\_\_\_\_?

Ha! Ha! It's so much easier, right?!



How is your preparation for the new job?  
Must be really nice to be \_\_\_\_\_

\_\_\_\_\_

Have you changed the \_\_\_\_\_?

Am sure things have turned out well for you in 2030. Great \_\_\_\_\_

\_\_\_\_\_

It's been nice writing to you \_\_\_\_\_

Hope this letter brings back old memories...

Sincerely,

.....

# ग्रीष्मावकाश हेतु गृहकार्य - 2025-26

कक्षा - नवमी

विषय - हिन्दी

1. विद्यालय दैनंदिनी (School Almanac) के पृष्ठ 18 पर मुद्रित वाद-विवाद के विषय "पारंपरिक शिक्षण-विधियों को कृत्रिम बुद्धिमत्तासंचालित शिक्षा के साथ संयोजित कर दिए जाने से शिक्षा की गुणवत्ता में उल्लेखनीय वृद्धि होगी।" पर पक्ष अथवा विपक्ष में अपनी प्रस्तुति देने के लिए आलेख (Essay) तैयार करें। इसके लिए 'ए-4' साइज कागजों का इस्तेमाल करें।
2. आपकी कक्षा के व्हाट्सअप ग्रुप में भेजे जा रहे पीडीएफ के अनुसार अपना पोर्टफोलियो साफ और सुंदर लिखावट में तैयार करें। पोर्टफोलियो के प्रत्येक भाग / पृष्ठ पर निर्देशों का ध्यान रखते हुए कार्य करें।

DELHI PUBLIC SCHOOL, BHILAI

VACATION HOMEWORK

CLASS - IX

SUB - Economics

In a A-4 Size chart paper, Present a real-world scenario [Eg- a factory producing clothes, a small bakery] and student will identify the <sup>used</sup> assets, would be considered as fixed capital and which would be considered as working capital.

CLASS IX  
SUB: CHEMISTRY  
VACATION HOMEWORK

Learn and write first twenty elements with symbols, Atomic masses and valency in tabular form in  $\frac{1}{4}$ th chart paper.

Delhi Public School, Bhilai

Vacation Homework

Class - IX

Sub: - Geography

Map-1. On the political map of India, locate and label neighbouring countries and island countries with different colours.

Map-2. On the political map of India, locate and label all states and union territories with their capitals.

Paste both the maps in your Geography notebook.

Vacation Home Work (2025)

Mathematics

Class-IX

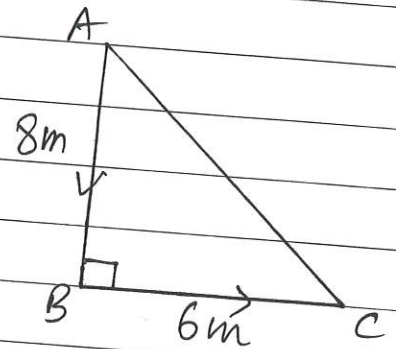
- Q1. Define the following (with two examples for each):-
- Natural Number
  - Whole number
  - Integers
  - Rational numbers
  - Irrational numbers
  - Real Numbers.
- Q2) Represent (i)  $\sqrt{2}$  (ii)  $\sqrt{3}$  (iii)  $\sqrt{5}$  (iv)  $\sqrt{7}$  on a number line and justify your method.
- Q3) Define "Tessellations". Draw two different tessellations in colourful patterns.  
(Use a  $\frac{1}{4}$ <sup>th</sup> chart paper for both the patterns)

IX - PHYSICS  
SUMMER VACATION H.W

MM

- (1) To note down All SI units <sup>with</sup> seven fundamental physical quantities.
- (2) Write three differences between distance & displacement
- (3) find distance and displacement as asked in each case.

(a) find distance Ac & displacement Ac

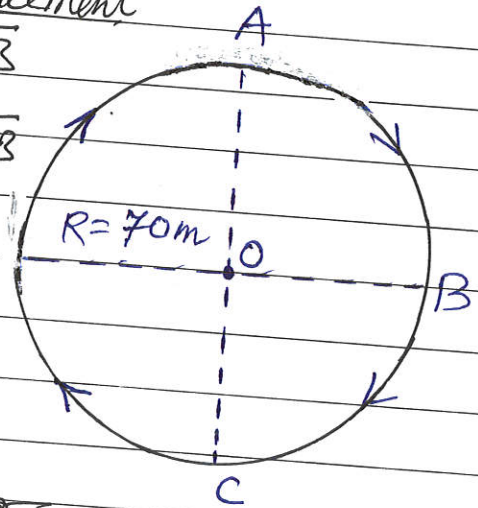


(b) find distance & displacement  
(i) distance AB & displacement  $\overline{AB}$

(ii) distance AB & displacement  $\overline{AB}$

(iii) distance AD & displacement  $\overline{AD}$

(iv) distance AA & displacement  $\overline{AA}$



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**SUMMER VACATION HOMEWORK**

**CLASS IX ENGLISH COMMUNICATIVE**

Q1. Write down all the vocabulary words and their meanings given in the book in Chapter 1: 'How I Taught My Grandmother to Read', in your English copy.

Q2. Draw a character sketch of the grandmother and granddaughter from the same lesson in your English copy in about 120 words each.

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ग्रीष्मावकाश - गृहकार्यम्

कक्षा - नवमी

संस्कृतम्

⇒ अधोलिखितानि धातुरूपाणि लृत् लङ् लृट् लोट् विधिलिङ्-  
लकारेषु लिखित्वा स्मरणं कुर्वन्तु -

⇒ भू, नम्, गम्, अस्, प्रच्, कृ, शा, क्षाब्, नी

⇒ सेव् लभ्, रुच् (लृट्-लृट् लकारयोः)

# Vacation Homework

Subject - History & Civics

Class - IX

(I) On the outline political map of France, locate and label the following places:

- (a) Bordeaux (b) Nantes (c) Paris
- (d) Marseille

(II) On the outline political map of world, locate and label the following countries:

- (a) Germany (b) Austria (c) Turkey
- (d) France (e) England (f) Hungary
- (g) the USA (h) Russia (i) Italy
- (j) Japan

# DELHI PUBLIC SCHOOL, BHILAI

## VACATION HOME WORK

### CLASS IX BIOLOGY

I Draw the Coloured diagram of the following :

- 1) Compound microscope
- 2) Various types of cells present in human body.
- 3) A plant-cell and an animal cell.

II) Write 10 differences between a plant cell and an animal cell (Column form).

Note: To be done in class work interleaf copy.

III) Practicals :- Preparation of stained temporary mounts of (a) Onion peel  
(b) human cheek cells and to record observation and draw the labelled diagram.

Note: To be written in science practical file form science practical book available in the market.

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