

A wooden signpost stands on a sandy beach. The sign is made of horizontal wooden planks and has the text "HAPPY Summer holiday" carved into it. "HAPPY" is in a simple, bold, sans-serif font. "Summer" is in a large, elegant, cursive script. "holiday" is in a simple, bold, sans-serif font. The sign is flanked by green palm fronds. In the foreground, there are several summer items: a pair of blue and black diving goggles, a red and white striped lifebuoy, a red and white starfish, and a red and white beach ball. The background is a clear blue sky with a bright sunburst effect at the top center. The overall scene is bright and cheerful, representing a summer holiday.

HAPPY
Summer
holiday

SUMMER VACATION HOLIDAY H.W.

CLASS9

It's time for a fun filled and relaxing summer break. However, during the long scorching summer months, when you are at home, time must be spent meaningfully and interestingly so that you keep in touch with school work and have lots of fun. The teachers have worked upon some ways of keeping you busy!

ENGLISH

1. "Ours is a world of advertisements". The electronic and print media has an advertisement galore. Most of these ads are misleading and false. Should there be a check on what they claim? Draft an article in 250-300 words. Paste relevant pictures.

2. You feel that the facilities for tourism can be improved in India. Write a letter to the Secretary, Department of Tourism of your state highlighting the need for improving facilities for tourists to promote the same. Also suggest some facilities that can be provided.

3. Explain the following proverbs within 50 words.

a. Too many cooks spoil the broth
(roll no. 1-10)

b. A rolling stone gathers no moss.
(roll no. 11-20)

c. All things are yellow to the jaundice eye. (roll no. 21-30)

d. Necessity is the mother Of invention
(roll no. 31....)

4. "Blowing of the morning wind

Captivating scenes of the mountains

Roaring peaks and the sky touching mountains". Such is the magnetic charm of this beautiful place 'Sikkim' sitting in the laps of Himalayas.

- Write a self composed poem on Sikkim
- Make a travelogue on Sikkim.

Describing the scenic beauty of Sikkim and its lofty mountains, unforgettable language, unadulterated cuisine, viewable places, religion and way of dressing up etc.

Revise the syllabus completed till May.

HINDI

निर्देश :

- कार्यए-4 शीटपरकरें।
- कार्यसुंदरवस्पष्टहोना चाहिए।

1.किन्हींदोविषयों परस्लोगनतैयारकीजिए-

मिट्टीसंरक्षण / पर्यावरणवस्वच्छता/ पशु-पक्षीसंरक्षण /मनुष्यतासंरक्षण

2. 'दुःखकाअधिकार, गिल्लू, स्मृति' आदिपाठकेपात्रोंकोएकत्रितकरकेकहानीनिर्माणकरें।
- 3..कोरोनाकाइतिहास, प्रभाव, प्रसार, परिणाम, दुष्परिणामवउपायपरएकपी.पी.टीतैयार कीजिए।
- 4.अप्रैलऔरमईमेंपढ़ाएगएपाठ्यक्रमकीआवृत्तिकरें।

निर्देश :

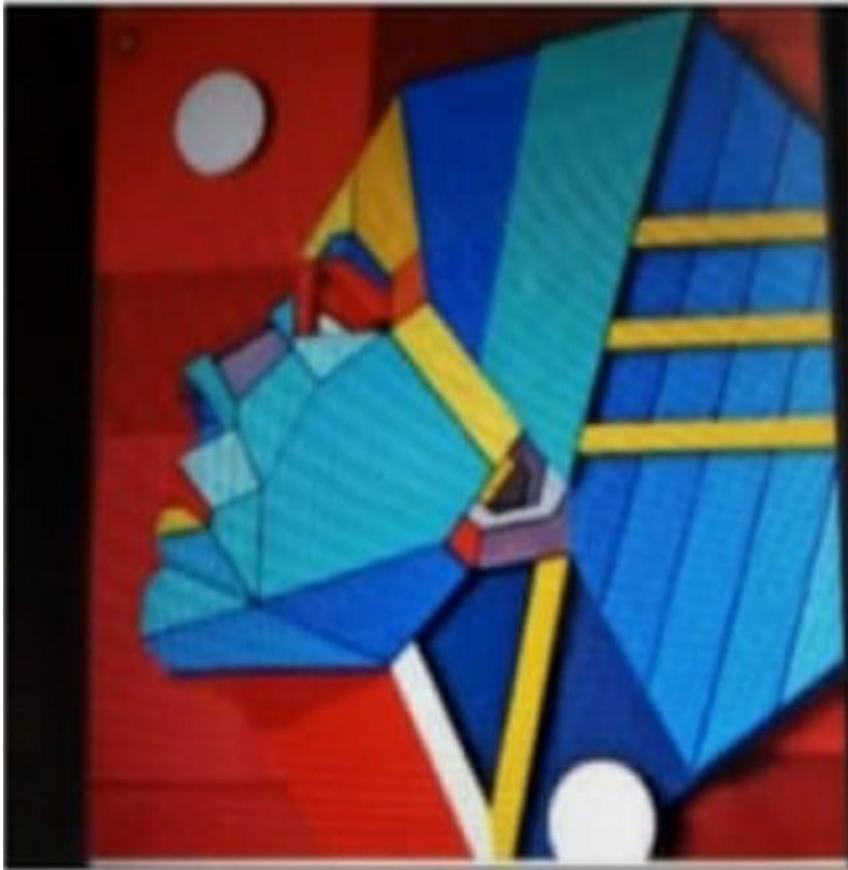
- दिएगएकार्यकोसुंदरवस्पष्टढंगसेपूराकरें।
- कार्यमेंअपनीरचनात्मककाप्रयोगकरें।

- 1.सिक्किम केपर्यटनकोबढ़ावादेतेहुएए-3 शीटपरएकस्लोगनतैयारकीजिए।
- 2.सिक्किमकीभाषा, रहन-सहनतथाखान-पानकोदर्शातेहुएएकपी.पी.टीतैयार कीजिए।
- 3.अप्रैलऔरमईमेंपढ़ाएगएपाठ्यक्रमकीआवृत्तिकरें।

MATHS

Sikkim, a thinly populated North Eastern Indian State is a house to three communities : Nepalis, Lepchas and Bhutias. Sikkim is a blessed land, where people from all communities live in harmony.

Using your creativity and imagination, draw a Human Face (Sikkim tribes) using geometrical shapes. Referring to the sample picture provided below, students can use vibrant and bold colours of their own choice.



Material Required :-

- A3 size pastel sheet
- Colours
- Geometry box

SCIENCE

Science art integrated project work :

Research, investigate and prepare a 2 page report on the following topics according to your roll numbers.

1-13 : Animal husbandry in Sikkim

14-26: Natural resources and their management in Sikkim.

27- 41: Agricultural practises in Sikkim

Your project should mandatorily include the illustrations and art related to the topic of research.

BIOLOGY

- Complete all the given notes and question answers of Chapter “TISSUES” in the biology notebook. Also revise the chapter well.
 - Draw a well labelled neat diagram of the following (as per your roll nos.) on an A3 sheet:
 - 1- 8 : Plant Cell
 - 9-16 : Animal Cell
 - 17-24: Structure of Mitochondria
 - 25-32: Structure of Endoplasmic Reticulum and Nucleus
 - 33-40: Structure of Plastid and Golgi bodies

CHEMISTRY

Prepare a 3-D model showing any one of the following topics:

- Sublimation
- Separating funnel
- Distillation
- States of matter
- Fractional distillation
- Interconversion of states of matter
- Centrifugation

PHYSICS

Complete the given assignment on ruled sheets and submit in a paper folder.

Q1. An object goes from point X to Y and then come back from Y to X. What is the displacement?

Answer

Q2. Four Cyclist A,B,C ,D starts at the same point and at the same time and move in a straight line to reach destination .They all move with uniform velocities. They reach the destination in the following order :

C → A → B → D

Answer the following questions

- a. If the displacement-time graph is plotted for each cyclist, which will be having highest slope.
- b. Arrange the cyclist in decreasing order of velocity.

Q3. What happens to speed, velocity and acceleration when an object moves in a circle with uniform speed?

Q4. A bus starting from rest moves with a uniform acceleration of 0.1ms^{-2} for 2minutes. Find (a) the speed acquired (b) the distance travelled.

Q5. State which of the following situations are possible and give an example for each.

(a) An object with a constant acceleration but zero velocity.

(b) An object moving in a certain direction with an acceleration in the perpendicular direction.

Q6. A body can have zero average velocity but not zero average speed. Explain.

Q7. Velocity of a particle moving along a straight line in a certain time interval is given below. What is the distance travelled during acceleration? [Refer fig. (i) given in the end].

Q8. An object is moving with uniform speed in a circle of radius r . Calculate the distance and displacement (a) when it completes half the circle (b) when it completes full circle (c) what type of motion does the object possess?

Q9. Study the velocity-time graph of an ascending passenger lift in the figure given. What is the acceleration of the lift: [Refer fig (ii) given in the end].

(a) During the first two seconds

(b) Between second and tenth second

(c) During the last two seconds

Q10. The distance-time graph of two trains are given. The trains start simultaneously in the same direction. [Refer fig (iii) given in the end].

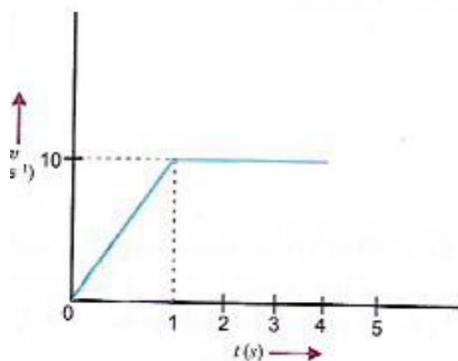
(a) How much ahead of A is B when the motion starts?

(b) What is the speed of B at Q ?

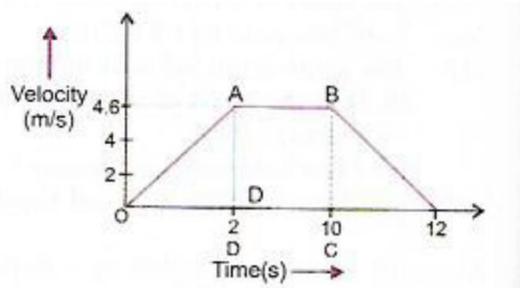
(c) When and where will A catch B ?

(d) Is the speed of both the trains uniform or non – uniform?

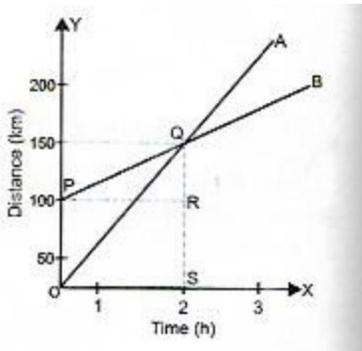
Q7. Fig (i)



Q9. Fig. (ii)



Q10. Fig. (iii)



SOCIAL SCIENCE

Prepare a project on the topic ' Impact of lockdown on the life of people'. Make use of illustrations, information through newspaper cuttings etc. Divide your topic under following heads:

- 1)History of covid19
- 2)its consequences - no of people affected, no of deaths, change in lifestyle of people
- 3) impact on economic activities/income of the people
- 4) positive learnings from the situation.

Students, collect information regarding History (how it was created), Geography, Politics in Sikkim & the Economic significance of Sikkim ie(how it helps India earn foreign exchange n contributes to the economy)

- You have to make it a combined file with all the subjects together. Maximum two pages for each subject.

ARTIFICIAL INTELLIGENCE

Make presentation on Google slide on any of the given two topics:

1. History of Artificial Intelligence and Meaning of Artificial Intelligence, also write about the AI behaviours those are associated with human intelligence. Discuss the technological developments in Sikkim also.
2. Any 5 SDGs goals. Also write how we can achieve these goals with the help of Artificial Intelligence. Discuss what advancements are being done in Sikkim to achieve these goals.