

SAN MARINO PUBLIC SCHOOL, INDORE

CBSE Affi. No. 1030376

SUMMER ASSIGNMENT -YEAR 2017-18

CLASS-IX A&B

SUBJECT-Social Studies

STUDENT'S NAME _____

1. Name any 10 things which are kept in a first aid box and paste /draw their picture, Write their uses on an A-4 sized sheet.
2. Write National song and National Anthem in your file and learn with proper pronunciations.
3. On the map (Political) of India –
 - a. Locate Indian Standard Meridian .
 - b. Longitudinal and Latitudinal extent .
 - c. Island groups of India.
 - d. Water bodies surrounding Indian Subcontinent.
4. Make a project on Disaster Management.
5. P.M Narendra Modi dedicated the longest Tunnel of 9 Kms to the people of India. Throw light on it and make a collage on A4 size drawing sheet.

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CLASS-IX

SUBJECT-ENGLISH

STUDENT'S NAME: _____

Worksheet-1

Let's use it
Composition
Look at the following pamphlet.

The Wildlife Society
calls to
SAVE THE TIGER

Why? 
We should save tigers because they

- ☞ are becoming lesser in numbers
- ☞ will soon become extinct

How? 
They are

- ☞ hunted for their skin and other body parts
- ☞ hunted for pleasure
- ☞ caught and used for public performances

What can we do? 
You can

- ☞ stop buying tiger skin and other body parts of the tiger
- ☞ stop seeing tiger performances such as in the circus
- ☞ spread awareness about protecting the tiger through posters, organising talks, discussions, etc.

Everybody please wake up! It's time to act now. Start today.

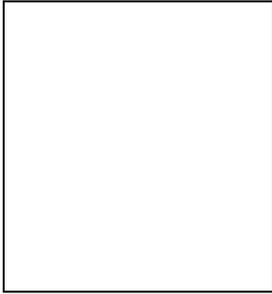
Help save our national animal



1. Roll no. 1 to 7 Make a colour Poster with caption on "Save the tiger".
2. Roll no.8 to 15 Collect facts & figure related to Tiger Reserve Program.
3. Roll no. 16 to 22 Collect pictures & articles on how or what we can do to save tiger.
4. Roll no. 23 to 30 Write details and law follow about "Tiger Reserve Program" in India

Worksheet-3

Paste a photograph of any famous writer or poet. Write his/her name, works, awards, achieved by him/her.



Name _____

Works _____

Awards _____

Work sheet-4

Q1. Share your experience on a trip to any place in India or abroad. Explain under following Points:

- i. What was the local language?
- ii. How did you feel?
- iii. How did you manage to communicate?

Q2. You are the Grandmother .How did you feel when your granddaughter gave you the novel 'Kashi Yatre'?
Write your feelings in your diary?

Work Sheet-5

There is a family, with various members, performing different tasks. The difference is that: the father is cooking food , the mother is fixing a light bulb, the daughter is returning from school on a bicycle and the son is milking a cow. The other sister is climbing a mango tree, and the other son is sweeping the floor. The grandfather is sewing the button and the grandmother is doing the accounts.

Now answer the following questions:-

1. What are the 'works' you can identify?
2. Do you think that there is any work that these people should not be doing. Why?
3. Write a short note on ' the importance of being self sufficient and complete" (in 100 Words)

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CLASS-IX-A&B

SUBJECT-MATHS

Copy Work

Page number	Exercise	Question number
5	1.1	2,3
14	1.3	3,4
24	1.5	2,4,5
26	1.6	1,3
32	2.1	2,5
34	2.2	1,4

Project Work

Project 1- Make 3-D model of solids like- cube, cuboid, cone, cylinder, sphere etc using sticks and colorful papers and write their properties on a chart paper. **(Roll no-1-10)**

Project 2- Collect the data of 50 persons for their age and weight. Prepare the family wise statistical report file on the basis of their age and weight and draw the bar graph and line graph of collected data. **(Roll no-11-20)**

Project 3- Construct the "SQUARE ROOT SPIRAL" for the numbers $\sqrt{2}$, $\sqrt{3}$, $\sqrt{4}$, $\sqrt{5}$, $\sqrt{6}$,.....etc on a chart paper. (Hint: NCERT page no. 8)**(Roll no-21-30)**

Chart Work

Make a chart on the given topics:

Roll number	Topic
1-8	Quadrilaterals
9-16	Triangles
17-23	Surface area and Volume
24-30	Circles

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CLASS-IX

MULTIDISCIPLINARY PROJECT

CONCEPT COVERAGE : MACHINES

STUDENT'S NAME: _____

Technology has evolved from the task and things which once seen as unbelievable to common chores and instruments. Infact we can say, machines have

ave taken over our lives .

Directions :

1. You are given the topic 'Machines' as project work
2. You have to submit your projects in the form of folder.
3. The title page should mention the name of the projects and the student.

Science: Explain what a machine is ? Do not give examples , but explanation. Let's now refer to a dictionary and write the meaning . Next let's check a science textbook or science dictionary . Compare the two meanings. Is there a difference ? Which do you think is more precise ? Can we now also differentiate between a tool, an instrument and a machine ?

Social Studies: Find out when the first printing press, telephone, bulb, automobile television wheel-chair, cooking gas, stove, sewing machine, refrigerator, and computer were made and by whom and in which country. Lets' try to imagine, and later find out, how people lived before the invention of a particular machine or tool or instrument. What would it mean not to have that machine in everyday life? What could be used instead ?

English: Write an essay on the " A machine that changed my life" (hearing aid, wheel Chair or any other). Or "The machine I would like to buy and why".

Hindi :Write 100 Words about Machines that changed our lives, positive or negative. Machine that we have /don't have and how they effect our lives in terms of time , ease /convenience, cost ? or visualise how a machine (Pick any) might be improved in the future ? You can draw or describe, or design a machine for the future .

Maths : What consideration goes into designing a car ,motorcycle ,bullock cart, or wheelchair ? How can it effectively and aesthetic appeal be enhanced ?

OR

1. Write the names of the machine in your house
2. Find out appropriate cost of these machine.
3. Calculate the total cost of all the machines.
4. Calculate the average maintenance cost of machines per year

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CLASS-IX A& B

SUBJECT-SCIENCE

STUDENT'S NAME:- _____

CHEMISTRY

Q. 1. Make a table on A-4 Size drawing sheet to show upto 36 chemical elements of periodic table in following way. As an example one is done for you.

S.N.	Name of elements	Symbol	Atomic number	no.(e ⁻) = no.(p ⁺)= no.(n ⁰)	Atomic Mass	Valency +ve/-ve
01-	Hydrogen	H ₂ (Molequle) H (Atom)	1	e ⁻ =1 p ⁺ =1 n ⁰ = 0	1.008	+1/-1

PHYSICS

Q.2 Use a wall of good height. Mark few lines on ground at a distance 10 feet, 15feet, 20feet, 25feet from the wall. Now standup on line marked by you. Take a tennis ball. Throw the ball towards the wall in such a way that after hitting on the wall the ball can return to you.

Note the time taken by ball after throwing and returning back to you

Finally complete the following table :

Mass of ball $\implies \frac{\text{weight}}{10} = \dots\dots\dots$ Kg

S.No	Distance from wall D(m)	Time taken T (sec)	Final distance d= D/Z(m)	Average Speed V = D/Z(m/s)	Momentum P = mv (Kg m/s)	Acceleration A= v/t(m/s ²)	Force F= ma(N)
1.	10 ft.						
2.	15 ft.						
3.	20 ft.						
4.	25 ft.						

BIOLOGY

Q.3 Visit nearby pathology lab and get your blood group checked and amount of Hemoglobin. Make a project file containing the following:- **(To be done attended by every one)**

1. Blood group test report.
2. Hemoglobin test report.
3. Photographs of above tests.
4. Check out normal range of Hemoglobin and compare your report. Also

Mention you belong to which category.

Above Normal -

Normal-

Deficient-

Q.4 **For Roll No. 901 to 915**

A. Visit a nearby Dairy farm and Answer the following Questions :

- a. Name of the Dairy farm you visited?
- b. How many animals were kept in the farm? Mention the names of different kinds of animals kept on farm?
- c. Which Exotic breed of cow is selected for long Lactation periods?
- d. Make a brief report of your visit as a project file also attach a photograph of your visit.\

For Roll No. 916 to 930

B. Visit a nearby crop field and Answer the following Questions:

- a. Farm has which soil type?
- b. Which Crop was sown on that farm?
- c. What is the nutrient requirement of that crop?
- d. Which kind of irrigation facility was there on that farm?
- e. Attach a brief report in the form of project file of your visit along with your photograph?

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ग्रीष्मकालीन कार्य -2017-18

CLASS-IX A&B

SUBJECT-Hindi

STUDENT 'S NAME :- _____

- प्र.1 आपके नगर में साइकिलों की नई दुकान खुली है- "प्रीत साइकिल स्टोर" । A 4 साइज की शीट पर इस स्टोर के प्रचार हेतु एक विज्ञापन 20 से 25 शब्दों में लिखिए।
- प्र.2 किसी एक पक्षी की विविध विशेषताओं से संबंधित कार्य-प्रपत्र तैयार कीजिए।
- | | |
|-------------------------|-----------------------|
| 1. पक्षी का नाम | 2. रंग एवं रूप |
| 3. रहने का स्थान | 4. प्रिय खाद्य पदार्थ |
| 5. व्यवहार | 6. बोली |
| 7. क्यों अच्छा लगता है? | 8. संसार के लिए उपयोग |
| 9. आपने इसे कहाँ देखा? | 10. अन्य विशिष्टता |
- प्र.3 अनुस्वार, अनुनासिक, नुक्ता प्रयुक्त 10-10 शब्द A 4 साइज की शीट पर लिखिए।
- प्र.4 व्याकरण पुस्तक से अपठित गद्यांश के अभ्यास प्रश्न से, पहले 3 गद्यांश के उत्तर व्याकरण कापी में लिखो।
- प्र.5 व्याकरण पुस्तक से अपठित पद्यांश के अभ्यास प्रश्न से, पहले 3 गद्यांश के उत्तर व्याकरण कापी में लिखो।
- प्र.6 कक्षा कार्य पूर्ण करके प्रश्न उत्तर याद किजिये।