GENERAL INSTRUCTIONS

- Work done by hand only will be accepted.
- Coloured photocopies & computer print are NOT allowed. No additional marks for such things are given. No spiral binding of the project is required.
- Please do NOT cut encyclopedias, dictionaries and atlases.
- Pictures taken from newspapers and magazines will be appreciated. Label the pictures.
- **Regular School green spring files can be used.** Cover uniformly with brown paper only unless the project demands the designing of a cover page do not decorate the cover page.
- Write your Name, STD, Division and Roll No. on a square piece of 10 cm by 10 cm white paper and stick it on the front cover in the centre of the file.
- **The project/assignments must be written on the tear off sheets or you may buy file papers (interleaved).**
- Bibliography and acknowledgement are mandatory.
- For each subject, the project / assignments subjectwise must not exceed 1200 to 1500 words (15-18 pages)
- Refer to the scope of syllabus for the objectives and marking scheme of the project. ICSE 2016 (for Std X) and ICSE 2017 (for Std IX)

OBJECTIVES OF THE PROJECTS/ASSIGNMENTS:

- To develop skills in collection; collating and use of data / facts.
- To develop the ability to present information with the help of appropriate diagrams/maps/sketches etc.
- To be able to draft and use different tools to gather data, conduct interviews/prepare questionnaires/surveys etc.
- To enhance the understanding of how and why things/events happen
- To help students identify ways and means of preventing specific occurrences
- To familiarize the students with various terminology.
- To enable students to express their views and opinions giving valid arguments and statistics.
- To practice written expression in the form of stories, essays, letters
- To familiarize and practice formats of letters and other writing tasks
- Other objectives include: stimulating creativity and imagination; create an awareness; analyse a given situation; to gather information that acts as a support in understanding the topics in the syllabus etc.

STD X

Guide Teacher: Respective Subject Teachers
Submission Date: June, 2nd week (unless otherwise specified by the teacher)
Page 1 & 2- Write the summary of the story ‘Hunger’ by Nasira Sharma and also bring out the theme of the story.

Page 3 & 4- Describe the character sketch of Sue and Mr. Behrman from the story, ‘The Last Leaf’ by O’ Henry.

Page 5 & 6

LANGUAGE
Keeping the theme of the story The Last Leaf and the attitude of Sue and Johnsy towards life, conduct a survey to know the attitude of teenagers when faced in a similar situation as Johnsy.

You may draft a questionnaire and get it filled by 20 teenagers (age group of 13 to 17).

Then write a report of your findings about the attitude of teenagers towards a difficult health issue.

You need to attach your filled in questionnaire and the report.

POETRY

Page 7 & 8- Compare and contrast the poems “A Small Pain In my Chest” and “A Doctor’s Journal Entry For August 6, 1945”

DRAMA

With respect to William Shakespeare’s, ‘The Merchant of Venice’, write about the following:

Page 9 & 10- Friendship between Antonio and Bassanio (with regard to the bond and trust)

Page 11 & 12- The trust between Portia and Nerissa

LANGUAGE

Page 13 & 14 – Select a proverb related to friendship and write a composition on your understanding of the proverb. You need to cite personal examples or experiences related to friendship.
2) “svacC nagar – saaxar nagar” [sa pr Apnao ivacaar vya@t klijae | $proKa : pMi@t ka Aqa- ilaKkr samaJaa[e ,,svacCta sao @yaa AiBap`aya h O? nagar kl svacCta kOsao idKa[- dotl hO ? svacCta ko ilae naagairkaM ka va Aapka yaaogadana, saaxar ka Aqa-.jsasao laaBa ,Aapka sahyaaoga va yaaogadana, ‘saaxarta maoM iCpl svacCta’ ivacaar kao ]dahrNa Wara spYT knaa | inaYkYa- | 
3) %yaaOhar maanava jalvna kao sarsa banaato hOM | Baart kao ‘ %yaaOharaoM ka doSa’ kha jaata hO | karNa batato hue jalvna maoM %yaaOharaoM ko mah%va kao spYT klijae | B. Sabd BaMDar –( vyaakrNa Pallava - laoiKka puYplata BaTnaagar ) 1) ivalaaoma ( svaaqal- sao saaqa-k) 2) pyaa-yavaacaI (mauK sao sauMdr) 3) Baavavaacak saM&a ( maQaur sao japnaa) 4)ivaSaoYaNa ( iva&aana sao Kod) 5) vaa@ya- pirvat-na / ASauw vaa@yaaM kao Sauw klijae ( pRYz 340 sao 345vyaakrNa pllava) 

ASSIGNMENT NO. – 2(LITERATURE- saaih%ya rcanaa )

1) Aacaaya- ivanaaobaa Baavao Wara ricat Eama kl p`itYza ka saaraMSa kma sao kma dao saaO SabdaM (200words) maoM ilaiKe | laoKk ka pircaya tqaa khanal maoM Aa[- mau#ya GaTnaaAaoM ka vaNa-na klijae |
   
   (1)

ihndl piryaojanaa

pyryaojanaa ka p`stuitkrNa [sa p`kar kroM :-
pyryaojanaa ka mau#ya pRYz (cover-page)tOyaar kroM | pRYz saM#yaa 1 : ivaYyasUcal pRYz saM#yaa 2 : AaBaar/ pyryaojanaa banaato samaya Aapko AnauBava pRYz saM#yaa 3, .4 : inabaMQa p`stuit pRYz saM#yaa 5, 6,7, 8 9 10 : Sabd BaMDar , vaa@ya pirvat-na , ASauw vaa@yaaM kao Sauw klijae pRYz saM#yaa 11, 12 : khanal ka saaraMSa pRYz saM#yaa 13 : laoKk pircaya
STD X PROJECT/ASSIGNMENT GUIDELINES
GROUP 1 Subject: 2ND LANGUAGE-MARATHI
Sub: Marathi (II language)

- Anauk`maiNaka (t@ta AaKavaa)
- ?Nainado-Sa
- P`aklp ivaYaya: ivaBaaga 1. BaaYaa
  1. maraz! BaaYaocao mah%\%va samajavaNaaro p~ Aaplyaa lahana Baavaalaa ilaha.
  2. SabdsamaUhaba_la ek Sabd (50 SabdsamaUh)
  3. mhNaIMcaa Aqa- spYT hao[-la ASaa p`karo mhNaIMcaa vaa@yaaMt ]pyaaoga_kra. (20mhNaI)
  4. vaa@\p`caaraMcaa Aqa- ilahUna vaa@yaaMt ]pyaaoga Kra. (20vaa@\p`caar)

- ivaBaaga 2 BaaYaa saaih%ya:

  gaV: QaDa – parMbyaa, laoiKkocao naava, pircaya.
  A] Paaz pircaya
  ba] kqaocaa saaraMSa
  k] kqaocya SalYa-kacal samap-kta
  D] vyai@troKaica~Na: 1.rGaunaaqa 2.Saardabaa[- 3.saaMgalalkr
  [] pazaba_la Aaplaa AiBap`aya : (150 Sabd)

  pV: kivata maaJaa marazlcaa baaola
  A] kval pircaya
  ba] kivatocaa Baavaaqaa-
  k] marazl BaaYaocya saMvaQa-naasaazl ]paya saucavaa. (150 Sabd)

- saMdBa-saUcal
- saUcanaa 1. sava- maaihtl sauvaacya AxaraMt vyavaisqat va ibanacaUk ilahaval.
  2. p`%yaok mauVacal maaihtl SalYa-kasaiht svatM~ panaavar ilahaval.
  3. ivaYayaSal saMbaMiQat AavaSyak ica~o vat-maanap~atlla ka~Nao icakTvaavalt.

STD X PROJECT / ASSIGNMENT GUIDELINES
GROUP 1 Subject: HISTORY

Steps:
  a. PAGE 1: Give a proper Index with each topic covered and the page numbers.
  b. PAGE 2: Your Acknowledgement page should be precise and formally written.
  c. The Main Presentation:-
Please attempt all the three topics in the way mentioned below:

I. **PAGE 3**: Discuss the relevance of any one of the following films to understand the History of twentieth century Europe, example:
   - The Great Dictator
   - Schindler’s List
   - Escape to Victory
   - The Boy in Striped Pyjamas
   - Life is Beautiful
   - The Sound of Music

**PAGES 4 & 5**: Analyse the protagonist character/characters of the movie of your choice and highlight how their lives have been affected by certain events, you may insert pictures from the movies by downloading them from the net. Label each picture properly.

**PAGE 6**: According to you should such Historical topics be depicted in movies? Draw your arguments for or against the above statement.

II. **PAGES 7 & 8**: With reference to the Socio-religious reform movements between the years 1828-1873 India, reconstruct the life of a girl child living in the early nineteenth century India, you may even draw references from the contemporary regional Indian novels.

**PAGE 9**: With the help of any recent case studies (from either the pages of the newspapers, internet or films) reconstruct the life of an Indian girl of the present times, draw a comparison between the lives of Indian girls in the early nineteenth century and the twenty-first century of our country. Point out the similarities if they still exist and analyse the differences with the help of illustrations (from the newspapers and the internet).

III. **PAGES 10 & 11**: With reference to the United Nations Organisation:
Enlist the functions of UNICEF, with the help of at least two case studies elucidate the relation shared between UNICEF and India.

**PAGES 12 & 13**: Develop an illustrative study of the contributions of the agencies of the United Nations in promoting health----WHO, education on environmental issues in India------UNESCO.

d. **PAGE 14**: Conclusion.

e. **PAGE 15**: Bibliography.

References:-

<table>
<thead>
<tr>
<th>BOOK</th>
<th>AUTHORS</th>
<th>PUBLICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern Indian History</td>
<td>B B Tayal and A Jacob</td>
<td>APC</td>
</tr>
<tr>
<td>Contemporary World and Civics – ICSE Class X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>History &amp; Civics 10 For ICSE</td>
<td>Manjistha Bose</td>
<td>Oxford University Press</td>
</tr>
</tbody>
</table>
TOPIC : WASTE REDUCTION AND MANAGEMENT AT HOME & IN HOUSING SOCIETIES
HANDBOOK

TASK 1

PRESENTATION OF THE PROJECT: YOU ARE REQUIRED TO MAKE A HANDBOOK-spiral bind your handbook.

MATERIAL REQUIRED:
- Information and pictures of different recycle methods and disposal of wastes. You may even use actual photographs taken by you or others when you are involved in any of the activities.

TASK 2

Design a cover page logo related to the topic

CONTENTS OF YOUR HANDBOOK:

TASK 3

Make a comparative study (taking India and another country)

- to explain why waste has become a major problem today.
- Source reduction is waste prevention: less waste means less of a waste problem.
  Write the facts
- Write what we can do to prevent solid waste build-up, and write about a few success stories.
- Conduct a survey (20 people from different housing societies) Find out what it means to reduce, reuse, recycle and respond
- Prepare a colourful handout focussing on easy-to-follow tips for waste prevention at home and in the housing society.
- Take a tour of your housing society and make a List of the Common Recyclables. Also mention how to recycle that waste.
- Focus on Food Waste and how to dispose it.

TASK 4

Although throwing away all the old, unwanted items that have accumulated over the years might seem easier, there are safer, more environmentally friendly ways to get rid of these items. By taking a few extra steps, one can save money, help others, and have a positive impact on the environment. Make a guide which suggests environmentally safe alternatives to throwing away unwanted “junk” and shows how to purchase new items with the environment in mind.

- List some examples of pesticide products and their purposes, used in our homes:
- What should one do if one has an accident or is exposed to pesticides or some household product?
➢ How should household products be stored?

**TASK 5**

From all the information collected by you and written by you in your handbook, select any ONE or TWO aspects and make a poster or a chart using one tinted paper sheet.

Other information that must be included in your handbook must relate to:

Definition of waste and types of waste i.e. Solid Waste (examples), Liquid Waste (examples) Gaseous Waste (examples) with a flow chart.

Need for waste management like: Transmission of diseases, Green house effect and global warming, Depletion of Ozone layer, Acid rain

Waste management. (3-R- System)
- Segregation
- Dumping
- Composting
- Vermicomposting

Treatment of effluent before discharge
- Sedimentation
- Coagulation
- Filtration
- Disinfection

Incineration – Uses, advantages and limitations.

Scrubber and Electrostatic Precipitator- Uses, advantages and limitations

Government policies for sustaining environmental conscience.

Social initiatives to protect the environment. (write a detailed one taken up by your school eg. The Tetra pak/ zero garbage or any other)

Individual initiatives to protect the environment. (write a detailed one taken up by you at home or in your society eg. Composting kitchen waste / tree plantation / or any other / rain water harvesting / solar cooking etc)

Write a note on the different kinds of agricultural waste and methods of reuse of the same in India.

<table>
<thead>
<tr>
<th>Names of some reference books</th>
<th>Author</th>
<th>Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geography Text Book</td>
<td>Illa Patra, Priyamvada Kher</td>
<td>Saraswati</td>
</tr>
<tr>
<td>ICSE Geography 10</td>
<td>R.K.Jain</td>
<td>Ratna Sagar</td>
</tr>
<tr>
<td>Environmental Education Books</td>
<td></td>
<td></td>
</tr>
<tr>
<td><a href="http://www.google.com">www.google.com</a></td>
<td></td>
<td></td>
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</tbody>
</table>

STD X PROJECT /ASSIGNMENT GUIDELINES
GROUP 2 Subject:MATHS
Assignments:

**ASSIGNMENT I**

TOPIC : Angle of Elevation
OBJECTIVE: To find the angle of elevation of the sun at a particular time on a sunny day.

PRE-REQUISITE KNOWLEDGE: knowledge of trigonometric ratios.

MATERIAL REQUIRED:
1. A metre rod
2. Measuring tape
3. Table for tangent of angles.

TO PERFORM THE ACTIVITY:
STEPS:
1. On the particular sunny day at the given time, put the metre rod on the level ground with one end on the ground and the other vertically upward.
2. Measure the length of the shadow of the metre rod from the beginning to the end. Let the length of the shadow be 58cm = 0.58m.
3. The length of the metre rod = 1m or 100cm.

OBSERVATION:
1. If \( \theta \) be the angle of elevation of the sun at the given moment, then we have the following figure on a sheet of paper by taking a suitable scale.
2. From the right angle Triangle OMP drawn in the fig. we have

\[
\tan \theta = \frac{MP}{OM} = \frac{100}{58} = 1.724 \text{ (approx.)}
\]

i.e. \( \tan \theta = \tan 60^\circ \)

\( \theta = 60^\circ \)

Hence, the required angle of elevation of the sun is 60\(^\circ\). For better result, we can take the help of the table of tangent of angles.

**Find the height of our school building using the laws of trigonometry.**
Assignment 2 :- Ratio of the areas of two similar triangles

STATEMENT:- The ratio of the area of two similar triangle is equal to the ratio of the squares of their corresponding sides.

OBJECTIVE:- To verify the above statement through activity.

PRE-REQUISITE KNOWLEDGE:-

1. The concept of similar triangles.
2. Division of a line segment into equal parts.
3. Construction of lines parallel to given line.

MATERIAL REQUIRED:-

1. White paper sheet
2. Scale /Rubber
3. Paint box
4. Black ball point pen or pencil

TO PERFORM THE ACTIVITY:-

STEPS:-

1. On the poster paper sheet, draw two similar triangle ABC and DEF. We have the ratio of their corresponding sides same and let as have

   \[ \frac{AB}{DE} = \frac{BC}{EF} = \frac{CA}{FD} = \frac{5}{3} \]

   ie , \[ \frac{AB}{DE} = \frac{5}{3} \] , \[ \frac{BC}{EF} = \frac{5}{3} \] , \[ \frac{CA}{FD} = \frac{5}{3} \]

   ie , \[ \frac{DE}{AB} = \frac{3}{5} \] , \[ \frac{EF}{BC} = \frac{3}{5} \] , \[ \frac{FD}{CA} = \frac{3}{5} \]

2. Divide each side of \( \triangle ABC \) into 5 equal parts and those of \( \triangle DEF \) into 3 equal parts as shown in Fig (i) and (ii).

3. By drawing parallel lines as shown in Fig (i) and (ii), we have divided \( \triangle ABC \) into 25 smaller triangles of same size and also each smaller triangle in fig (i) has same size and as that of the smaller triangle fig (ii).
4. Paint the smaller triangle as shown in Fig (i) and (ii).

OBSERVATION:

1. Area of $\triangle ABC = $ Area of 25 smaller triangle- in fig(i)=25 square unit ; Where area of one smaller triangle in fig (i)= $P$ (square unit )

2. Area of $\triangle DEF=$Area of a smaller triangle in Fig (ii)=9$p$ where area of one smaller triangle in fig (ii)= $P$ square units.

3. \[
\frac{\text{Area of } \triangle ABC}{\text{Area of } \triangle DEF} = \frac{25 \ P}{9p} = \frac{25}{9}
\]

4. \[
\frac{(AB)^2}{(DE)^2} = \frac{(AB)^2}{(3/5AB)^2} = \frac{(AB)^2}{9/25(AB)^2} = \frac{25}{9}
\]

Similarly

\[
\frac{(BC)^2}{(EF)^2} = \frac{25}{9} \quad \text{and} \quad \frac{(CA)^2}{(FD)^2} = \frac{25}{9}
\]

5. From steps (3) and (4) , we conclude that

\[
\frac{\text{Area of } \triangle ABC}{\text{Area of } \triangle DEF} = \frac{(AB)^2}{(DE)^2} = \frac{(BC)^2}{(EF)^2} = \frac{(CA)^2}{(FD)^2}
\]

Hence the ratio of the areas of two similar triangles is equal to the ratio of the squares of their corresponding sides.

Assignment 3 : Banking

Visit any near by Bank and find out the following information and make a note of the information:

1) How to open a Savings Account?
2) What are the documents needed for opening the Account?

3) Take a form for opening a Savings account and stick it on the left hand side blank paper.

4) Take a Deposit slip and withdrawal slip and stick them too on the left hand side blank paper.

5) Find out how to open a Recurring Account?

6) Take a form for opening a Recurring account and stick it on the left hand side blank paper.

7) Photocopy a blank page of a Pass book of any family member and stick it on the left hand side blank paper.

8) Find out from the Bank personnel – What is the procedure for calculating Interest in Savings account.

**Assignment 4: Histogram .**

Find the monthly expenses in your family on: Electricity, Milk, Vegetables, Cooking Gas, Provisions (Rice, Pulses, wheat flour & oil)

Draw a histogram. Find on which item the expenses are the maximum.
TITLE: ENDOCRINOLOGY

Page 1: Student’s name, standard, division and roll number

Page 2: Acknowledgement

Page 3: Index

Page 4: What is endocrine system?

Page 5: Endocrine glands in human body: Name and location

Page 6: Endocrine glands in human body: Labeled diagram

Page 7 onwards: Case study of any one endocrinological disorder.[follow the format given below]

1. Name, age, sex and address of the patient
2. Name of the disorder from which the patient is suffering
3. General etiology (reasons) of the disorder[draw the required diagram]
4. General symptoms of the disorder
5. Case history, i.e., how the disease was detected in the patient selected by you
6. Laboratory report(photocopy) of the patient showing abnormalities
7. Treatment details like medicines, lifestyle changes, dietary changes, exercise etc
8. Impact of the disorder on patient’s normal life

Last page: Conclusion and bibliography

TOPIC: SIMPLE MACHINES

PRESENTATION OF THE PROJECT

Design a cover page logo related to the topic
Page 1: Index

Page 2: Acknowledgements/ My experience while doing the project.

Page 3: Onwards: description of the given topics

Use the topic you have selected to make an innovative or investigative project. Models if made will be appreciated. It may be a group activity (group of 3 or 4). Even experiments can be performed to demonstrate it.

- Introduction.
- Neat labelled diagram of the model.

FOR EXAMPLE:

**TOPIC: ENERGY** (To show that heat energy can be converted into electrical energy).

Experiment:

**Materials required:** 2 Thick Candles, 2 nails, 2 leads with alligator clips and a magnet.

**Procedure:**

1) First take the nails and stick them into each candle. Make sure it does not come out the other side.

2) Now rub the surface of the nail with the magnet to magnetize it.

3) Next attach each lead to each candle.

4) Now take a bulb from a flashlight and connect it to the lead of one of the candles.

5) Light up the candle.

6) You will observe that the bulb begins to glow.

leads with alligator clips
Models must be labelled & submitted with the name of the student.

<table>
<thead>
<tr>
<th>Name of the reference books</th>
<th>Author</th>
<th>Publication</th>
</tr>
</thead>
<tbody>
<tr>
<td>A new approach to ICSE Physics</td>
<td>V. K. Sally</td>
<td>Goyal Brothers Prakashan</td>
</tr>
<tr>
<td>Concise physics ICSE</td>
<td>R.P Goyal</td>
<td>Selina Publishers</td>
</tr>
</tbody>
</table>

Websites: Google.com and any other search engine

STD X PROJECT/ASSIGNMENT GUIDELINES
GROUP 2  Subject: CHEMISTRY

TOPIC- ELECTROLYSIS OF WATER [Tapwater, Filtered water sample using any filter, boiled water]

Note - The project is an experiment that has to be conducted for each sample of water by the student under the supervision of an adult at home.

Page 1- Title page

Page 2- Acknowledgements

Page 3- Index

Page 4 - Definition of electrolysis, electrode, cathode, anode, electrolytic vessel, electrolyte and non-electrolyte.

Page 5 – 8 - Electrolysis of each sample of water - Aim, materials required and procedure to be written only once for all samples of water; observation, conclusion and equations for each sample of water to be written separately. Photos of experimental set up can be pasted.

Page 9- Repeat the experimental set up using any one water sample and replacing graphite electrodes [pencils] by two iron nails or coppers spoons and record your observations, equations and conclusions. Write only the observations, equations and conclusions. Photos of experimental set up can be pasted.

Page 10 – Applications of electrolysis in daily life. [any one use]

Page 11- Bibliography.

**Reference books/website-**

http://www.hometrainingtools.com/a/electrolysis-science-project

ICSE Chemistry by Allied Publishers.

ICSE Chemistry by Allied & General Printers.
Experimental set up for conducting electrolysis of water at home-

What You Need:

- 6-volt or 9-volt battery
- Two alligator clip leads or insulated wire
- Beaker or glass
- Piece of thin cardboard or cardstock
- Two pencils

Diagram of experimental set up-

![Diagram of experimental set up](image)

Procedure-

- Fill the beaker or glass with Tapwater / Filtered water sample using any filter/ boiled water from home.
- Carefully remove the erasers and metal sleeves so you can sharpen both ends of each pencil. These pencils are your electrodes. The graphite in them will conduct electricity, but won't dissolve into the water.
- Cut a piece of the cardboard to fit over the beaker, then punch two holes in the center of the cardboard about an inch apart. Push the pencils through the holes and set them in the glass. They should extend into the water, but not touch the bottom of the glass. The cardboard will hold them in place.
- Connect each pencil to the battery with an alligator clip lead attached to the exposed graphite (pencil lead). If you don't have alligator clip leads, use two lengths of wire and strip an inch of insulation off each end. Wrap the wire around the graphite of each pencil and connect the wires to the battery. You may need to use tape to hold the wires in place.
- Repeat the procedure with any sample of water and replacing graphite electrodes by two iron nails and record your observations, equations and conclusion/s.
Visit any Public Sector bank and a Private sector Bank and compare them on the basis of banking services provided to the public, highlighting the following points.

- Types of banking services provided (physical facilities and the other banking related services)
- Formalities involved in opening an account
- Public relations dealing with new customers
- Rate of interest offered on Time Deposits and Demand Deposits
- Terms and conditions applicable on various types of loans offered by the bank (Home loan, Education loan, Personal loan and Business loan)

PRESENTATION OF THE PROJECT:

Page 1: NAMES OF THE BANKS VISITED WITH COMPLETE ADDRESS

Page 2: Acknowledgment

Page 3: Introduction

Meaning and important functions performed by a commercial bank.

Page 4: Write about your findings from the visit.

Page 5: Analyse the statistics and data collected to make a written presentation.

Page 6: Provide suggestions to improve the banking facilities for the general public and businessmen.

Page 7: Conclusion

“The Banking industry plays a pivotal role in the Economic development of a country”. Do you agree? Discuss.
You are required to stick pictures of your visit to the banks. You may also bring samples of different paying in slips etc and fliers available in the bank. You may conduct an interview about the services provided, satisfaction of the customers, personnel etc. However, copies of the survey etc should become an essential part of your final project.

Reference: written material, information provided by the banks, various websites,


STD X PROJECT GUIDELINES
GROUP 2 Subject: COMMERCIAL STUDIES
TOPIC 1

This topic is based on ANALYSING THE ADVERSE EFFECTS OF ADVERTISING.

Students are required to conduct a survey (prepare a questionnaire and get it filled by 20 young adults – age group of 14 to 21) to analyse the influence of advertising that promote the sale of and the effect of liquor, cigarettes and tobacco based substances on the health of today’s youth. How will a ban on these advertisements deter the youth from using these products?

Your questions must be directed towards what made them consume or try out the products.

You are also required to prepare a handout focussing on the adverse effects of such substances on health and hand over these to the people whom you questioned. Attach the handout to your project.

The hand out must convey a message which dissuades them from such activities in the future.

Prepare a short skit with dialogues on the same theme. Attach the draft to your project.

The format for the project is as follows:

1. Cover Page
2. Certificate
3. Acknowledgement
4. A brief on Role of Advertising in present day context.
5. Criticism of Advertising.
6. List of commercial ads related to the topic (2 on each)
7. Questionnaire for the survey.
8. How will a ban on these advertisements deter the youth from using these products?

INSTRUCTIONS TO STUDENTS:
The students should file the project.
The written matter should be on the right-hand side and pictures, charts, diagrams etc. should be on the left-hand side.
Refer to newspaper articles and magazines and the TV commercials.

**Topic 2: A Comparative study on Final Accounts of a Trading and a Non Trading Organisation.**

This topic is based on the final accounts maintained by the Profit making and non – Profit making organisations. Students are required on analyse the Financial Statement of two organisations of each type.

The format for the project is as follows:

1. Cover Page
2. Certificate
3. Acknowledgement
4. Index page
5. A brief on a Trading organisation and a non-trading organisation.(meaning and objective)
6. A comparative study on accounts.
7. A brief on the four organisations selected.
8. The final accounts of all the organisations.
9. Difference between the trading and non trading organisation.

**INSTRUCTIONS TO STUDENTS:**

- The students should file the project.
- The written matter should be on the right-hand side and pictures, charts, diagrams etc. should be on the left-hand side.

**STD X PROJECT GUIDELINES**

GROUP 3 Subject: ENVIRONMENTAL APPLICATIONS

**THIS IS AN ONGOING PROJECT WHICH IS FINALLY TO BE SUBMITTED BY 30TH SEPTEMBER, 2015**

**PROJECT 1: ARTICLE BOOK**

Page 1: Student’s name, standard, division and roll number
Page 2: Acknowledgement

Page 3: Index

Page 4 onwards: Collect 50 articles related to environmental issues from different newspapers/magazines, over a period of 6 months, i.e., April 2015 to September 2015. Stick them on the left hand side of your notebook. Write your comments on the article on the right hand side page.

PROJECT 2: REPORTS OF FIELD TRIPS/ACTIVITIES

Page 1: Student’s name, standard, division and roll number

Page 2: Acknowledgement

Page 3: Index

Page 4 onwards: Maintain a diary of events. This should necessarily contain the details like day, date, venue, resource person/institute and the objectives. You may add pictures/sketches/photographs related to the activity/visit and your personal opinion/conclusion/impact created.

[NOTE: Project 1 and 2 can be submitted in same file. Submission date for both the projects is November,2015]

PROJECT 3: “CLEANLINESS OF PUBLIC PLACES”-A COMPARATIVE STUDY OF INDIA AND SINGAPORE

Page 1: Student’s name, standard, division and roll numbers
Page 2: Acknowledgement
Page 3: Index
Page 4,5: Introduction:
  - Cleanliness of Public places is the reflection of civic sense and philosophy of community living of country and citizens
  - Advantages of keeping public places clean
Page 6 onwards: Comparative study of two countries: India and Singapore considering the following aspects
  - A brief introduction of both the countries
  - General impression of each country
  - Population of both the countries
  - Legal provisions and system set up to maintain cleanliness in of both the countries
  - Comparison of any 5 public places of both the countries.[use description, photographs, letters/emails* received from Singapore/ India, screen shots of blogs*, personal experiences etc as evidence ]
Page 12: conclusion and suggestions
Page 15 Bibliography

NOTE:

➢ Submission date of project 3 is 5/6/2015
Print outs of the fields marked with * are allowed

STD X PROJECT / ASSIGNMENT GUIDELINES
GROUP 3  Subject: COMPUTER APPLICATIONS

THE STUDENTS ARE MARKED ON THE WORK DONE IN CLASS DURING THEIR REGULAR COMPUTER PERIODS AND ASSIGNMENTS GIVEN FROM TIME TO TIME.

STD X PROJECT / ASSIGNMENT GUIDELINES
GROUP 3  Subject: HOME SCIENCE

Topic 1-Reading Food Labels

Topic 2-

OBJECTIVES

- To create awareness of the Nutrition Facts label
- To learn how to locate different items of information on the label
- To learn how to compare foods based on information found on the label

Write about---Almost every food that comes in a package must have a label. The label tells us much about the food we are about to eat. Elaborate information about this. How to make the right choices after reading the labels?

Why is it important for foods to have labels? (Labels show the nutrient content per serving, allow us to compare foods, and identify all ingredients, which is especially useful for people with allergies.)

Students will collect 2 labels of each of the following; Compare the serving size, total calories, total fat, dietary fibre, total sugar, Proteins and vitamins. List the preservatives used. Any warnings given on the product, how to use the product, date of manufacture, expiry date. Present the information in the following format for each product. Submit the labels with the completed work.

1. Two dairy products milk and curd of two different brands. Compare the nutritional value of both.
2. Two breads of which one is whole wheat bread and other regular brown bread. Compare the nutritional value of both.
3. Two ready to eat foods from two different brands and compare the nutritional value of both. Eg baked wafers and regular wafers
4. Two semi-prepared foods eg. Dhokla mix and Gulab jamun mix of two different brands and compare the nutritional value of both.
5. Two soft drinks Eg. One with real fruit juice and other a cola. Compare the nutritional value of both.
FIND OUT ABOUT CONSUMER RIGHTS AND MAKE OR DESIGN A PAMPHLET TO SPREAD AWARENESS ABOUT CONSUMER RIGHT. ATTACH THE PAMPHLET AS AN INTRODUCTORY PAGE TO THE PROJECT.

Reference-

Food and Safety Regulations in India.

<table>
<thead>
<tr>
<th>Name of the food</th>
<th>Serving size</th>
<th>Calories</th>
<th>Proteins</th>
<th>Fats</th>
<th>Sugar</th>
<th>Vit. A</th>
<th>Vit. c</th>
<th>iron</th>
<th>Calcium</th>
<th>Dietary fibre</th>
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STD X PROJECT / ASSIGNMENT
GROUP 3 Subject: PHYSICAL EDUCATION

THE STUDENTS ARE MARKED ON THEIR PARTICIPATION IN HOUSE AND INTER SCHOOL AND ALLOCATED DUTIES ON SPORTS DAY/ EVENT DAYS IN THE SCHOOL.

50 MARKS PRACTICAL AND 50 MARKS INTERNAL WORK

STD X PROJECT / ASSIGNMENT
GROUP 3 Subject: ART

THE STUDENTS ARE MARKED ON THEIR PARTICIPATION IN HOUSE AND INTER SCHOOL AND ALLOCATED DUTIES ON EVENT DAYS IN THE SCHOOL.

THEY ARE ALSO REQUIRED TO MAINTAIN A PORTFOLIO OF ALL WORK DONE IN CLASS DURING THEIR REGULAR ART PERIODS AND ASSIGNMENTS.

STD X PROJECT / ASSIGNMENT GUIDELINES
GROUP 3 Subject: TECHNICAL DRAWING APPLICATIONS

THE STUDENTS ARE MARKED ON THE WORK DONE IN CLASS DURING THEIR REGULAR TD PERIODS AND ASSIGNMENTS GIVEN FROM TIME TO TIME. THEY ARE REQUIRED TO MAINTAIN A PORTFOLIO OF THE WORK DONE.

STD X PROJECT / ASSIGNMENT
SUPW COMPULSORY FOR ALL STUDENTS

ONGOING PROJECT TO BE SUBMITTED ON 10TH DECEMBER, 2015
## Index

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>MONTH</th>
<th>ACTIVITY</th>
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<tbody>
<tr>
<td>1.</td>
<td>March / April</td>
<td>SUPW – Visit</td>
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<td>2.</td>
<td>June</td>
<td>Sappling Plantation (at home)</td>
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<td>3.</td>
<td>July</td>
<td>Book Binding</td>
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<td>4.</td>
<td>August</td>
<td>Tree plantation in the neighbourhood</td>
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<td>5.</td>
<td>September</td>
<td>Cloth bag making with old T-shirts</td>
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<td>6.</td>
<td>November</td>
<td>Preparation for Aids Rally</td>
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<td>7.</td>
<td>December</td>
<td>Aids Rally</td>
</tr>
</tbody>
</table>

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**SUPW – Visit.**

**Venue:**

**Date of visit:**

**Purpose of visit:**

**Preparation for the visit:**

**Your experience:**  
[Stick printout of photographs taken at the venue.]

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**Page – 3 - Sapling Plantation preparation:**

- Buy a mud pot of approximately 30cm in diameter.
- Buy a manure packet.
- Mix mud and manure and fill up the pot with the mixture.
- Buy any **one** of the following sapling/s of useful plants  
  Neem sapling (1) / Tulsi saplings (5) / Curry – leaves’ (Karipatta) sapling (1) / Pudina saplings (5) / Aloevera saplings (5) / Ajwain sapling (5) / Lemon grass  
- Plant the sapling/s in the pot that you have made ready.
- Place it near a window or in any open space you have at home, where there is plenty of sunlight.  
  Click a photograph of yourself with the potted plant.
- **Take Care** of the plant by watering the plant daily and adding manure in intervals.
- **Remove** the weeds if any that start growing.
- **Take a photograph** of yourself with the potted plant after every month for atleast .
- **Write in** your file describing – how you did the entire activity of sapling plantation.
- [Stick printout of photographs taken at the venue.]

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**Page – 4 - Tree plantation in the neighbourhood**
In association with the Rotary Club of Kandivali and Interact Club of Gundecha, the students of STD IX – XII plant saplings in the Muncipality ground in Thakur village.

Write about the activity – venue – time – your experience

[Stick printout of photographs taken at the venue.]

Page – 5 - Write about the book binding activity

Page – 6 Write about the cloth bag making activity – its objective and - use-

Page – 7

Aids Rally

Write about the preparations that you did for the Aids Rally; Also write about the Aids Rally – your experience.

[Stick printout of photographs taken at the venue.]