

THE ASIAN SCHOOL, DEHRADUN
HOLIDAY HOMEWORK OF WINTER VACATION 2016 FOR CLASS X

English: 1. Create a story map of Shakespeare's well-known drama 'Julius Caesar'. (Prescribed for SA-2), highlighting, enlisting the important events in the play.

2. Read the second half of the Long Reading Text 'The Diary of a Young Girl' – Anne Frank. Write plot, important characters and important events.

Hindi: एफ0ए0-4 प्रोजेक्ट कार्य-

क) निम्नलिखित विषयों पर लगभग 250 शब्दों में निबन्ध लिखिए-

1. सियाचीन के सैनिकों का कठिन जीवन 2. विमुक्तिकरण पर विपक्ष की पार्टियों की प्रतिक्रिया

ख) नरामुक्ति विषय पर अपने विचार देते हुए अपने मित्र को एक पत्र लिखिए।

ग) 'वाटिका हिन्दी व्याकरण' पाठ्य पुस्तक से निम्नलिखित अभ्यास कार्य कीजिए -

1. पद परिचय- अभ्यास पेज नं०- 134, 135 प्रश्न 1 एवं 2,
2. रस -अभ्यास- प्रश्न 2 पेज नं०-148
3. वाच्य अभ्यास प्रश्न 1 एवं 2 पेज नं०-122

Mathematics: **PROJECT WORK:**

Prepare an investigatory project on "Various proofs of the pythagoras Theorem".

The project should have the following descriptions:

- Origin of the concept of Pythagoras Theorem.
- Statement of Pythagoras Theorem.
- Applications of Pythagoras Theorem.
- Application of Pythagoras Theorem in Trigonometry.
- Ten Mathematics problems featuring Pythagoras Theorem.

Reference: Students should use all available resources (NCERT BOOKS, INTERNET etc.)

Instructions:

1. The project should be hand written.
2. The project should be done in a stick file.
3. The project should contain acknowledgement.
4. The project should be of at least ten pages.
5. It should have pictures and other relevant material.

Physics: **Project:** To make a report on Atmospheric Refraction.

Covering the following aspects : i) Twinkling of stars ii) Advance Sunrise and Delayed Sunset
iii) Why Stars seem higher than they actually are.

Criteria : i) Presentation ii) Content iii) Principle Involved iv) Diagrams v) Bibliography

Chemistry: Make a project report on :

How Green Chemistry impacts a wide array of fields including pharmaceuticals, pesticides, polymers and drycleaning.

Criteria for Evolution: i) Creativity, ii) Principle involved, iii) Examples, iv) Pictures,
v) Diagrams iv) Content including their modern research and uses in different fields,

Bio : Prepare an investigatory project on the topic '**Humans are not only organisms on the planet earth but it is the human activities only which are responsible for degrading the environment**' emphasizing the following points :

1. Various environmental issues.
2. Human activities responsible for environmental degradation.
3. Two major environmental issues in Doon Valley.
4. Prevention and Control
5. How students as youth members of society can play a major role in protecting the degrading environment at their level.

Instructions: 1. The project report should be hand written and written in A-4 size plain pages.

2. The sequence of the project should be the following:

- a) Cover page b) Certificate c) Acknowledgment d) Index e) Content f) Summary and Conclusion g) Bibliography

3. Credit will be awarded to original drawings, illustrations, creative use of materials and innovative ideas.

Criteria for Evaluation: i) Presentation (ii) Content methodology (iii) Resources & materials used (v) Bibliography

Social Studies:

History :

Topic : Make a project file on the topic : "**Role of Mahatma Gandhi In the Freedom Struggle**".

Objective : To inculcate pride and patriotism among students.

Skills Developed : Self awareness, Spirit of nationalism,

Method: Illustrate the project with pictures and cover the following topics :

- a) Introduction – Life history of Mahatma Gandhi
- b) Non cooperation movement
- c) Civil- disobedience Movement.

Instructions : i) The project report should be handwritten.

ii) Minimum 12 -14 A4 size papers to be used.

iii) The sequence of the project report should as follow:

* Coverpage * Certificate * Acknowledgement * Index * Content * Conclusion * Bibliography

Geography : **Topic :** Prepare a project on following "Industries of India".

- Agra based industry (Cotton)
- Mineral based industry (Iron and Steel Industry)

Guidelines: Also collect the information regarding their use and limitations. Collect information from magazines, newspaper, reference books and internet. Also paste the pictures and map of relevant topic.

Objective: To familiarize the student with the term of 'Manufacturing Industries'.
To bring awareness among the student about the process of Industries from raw materials to final goods.

Method i) Meaning of Industries ii) types of Industries
iii) Detailed study of one Agro based Industries and Mineral based Industries

Skills Developed: Spread awareness among the students about the different types of industries and Impact of Industries in our Environment.

Instructions : 1) Project report should be handwritten and A4 size paper should be used.
2) Sequence of the report should be as follows :
a) Coverpage b) Certificate c) Acknowledgment d) Index e) Content f) Conclusion g) Bibliography

Note: Not to exceed more than 10 pages.

Economics: **Topic :** Prepare a project on any Indian Industry or service of your choice. Collect information and photographs from newspapers, magazines, clippings, books, television, Internet, interviews with the people on following aspects of Industry.

- i) Various producers in Industries ii) Is the product exported to other countries.
- iii) Are their MNC's among the producers iv) Competition in the Industry
- v) Working Conditions in the Industry vi) Problems faced by the people in the Industry.

Objective :

- To familiarize the students with the terms Industry and Globalization.
- Provide children with some ideas about how a particular economic phenomenon is influencing their surroundings and day to day life.

Instructions : i) The project report should be handwritten.
ii) Minimum pages 12 -14 A4 size papers to be used.
iii) The sequence of the project report should as follow:
* Coverpage * Certificate * Acknowledgement * Index * Content * Conclusion * Bibliography

Computer: Create a power point presentation to explain different types of Malware. What are the negative impact of malware on E-Commerce. Which protocols and other measures can help to secure the online transactions.
Note: (i) Hard copy and soft copy both needs to be submitted. (ii) Minimum number of 10 slides must be there.

French : Faire abookletsur la collection de Poemsalongfrançais avec unebrève introduction de l'écrivain.


Vice-Principal