

ADARSH PUBLIC SCHOOL

HOLIDAYS' ASSIGNMENT

SESSION 2015-16

CLASS-IX

Prepare an integrated project on the statement 'Forests are the lungs of Earth' with the following details.

Total length of the project should not be more than 15 written pages of A-4 size sheet. It should be hand written and credit will be given to original drawings, illustrations and creative use of material (not the printouts) and it should be the report should be presented in a neatly bound simple folder with yellow color. The project report should be presented in this order:

- Cover page showing project title, student information, school & year.
- List of contents with page numbers.
- Bibliography

ENGLISH

1. Large scale cutting of trees is going on in your village which is putting your village at the risk of land slide. Write a letter to your friend discussing your fears with him/her and also seeking advice as to what can be done to improve the situation. (Word limit 100-150 words)
2. Write a diary entry describing the tree plantation drive organized in your school. Discuss how you feel planting of trees can play a major role in enhancing the environment. (Word limit 80-100 words)
3. You are the head boy/girl of the school. Draft a notice inviting children to participate in the poster making competition. "Save the tiger" being organized in your school next week. Invent all details.

MATHS

1. Prepare a table for percentage of area covered by forest in different states under wild life sanctuaries. Arrange the data in frequency distribution table and draw bar graph.
2. Collect the data for the division of the land and pasture land. Represent it in pie diagram for any five states.

SCIENCE

1. How do deforesting drives change in food production?
2. Design PowerPoint presentation using various tools in computers promoting the better production of crops with a catchy slogan.
3. Name any five plants which are used in medicinal field. Also write their scientific name, species they belong & two uses of each. Paste supportive picture.

SOCIAL SCIENCE

1. Flora and fauna found in every physiographic division is unique. Give a pictorial presentation to support the statement.
2. On a political map of India mark the areas covered under forest in different states.
3. Northern Himalayas are prone to natural disaster. How communities of Himalayan Mountains have taken measures for conservation of Forests in India?
4. The name Red Sandal could be derived from the native name Raktha Chandan called as such due to the blood red colouration of its wood. Make a list of at least ten endangered plants in India, giving their regional names.

ART EDUCATION

Make a beautiful and attractive Glass Painting/Amboss Painting /Madhubani Painting with frame (Size A3)

FRENCH

1. Pratiquez les exercices de grammaire de livre- 450 exercices Pg-5 à 70.
2. Chaque jour,cherchez un nouveau mot, et entrez dans un cahier – le sens et formez une phrase.
3. Dessinez une carte en décrivant une personnalité célèbre.
4. Présentez dans une carte- Les loisirs et les sports qui sont populaires en France. (plupart avec les images)

HINDI

1. 'वृक्षों से ही जीवन संभव है' - विषय पर अनुच्छेद लिखिए / 'औषधि निर्माण में किन वृक्षों का उपयोग है' ? उन वृक्षों की सूची बनाइए व चित्र चिपकाइए /
2. 'प्रदूषण जीवन के लिए घातक है' इस विषय पर लेख लिखिए तथा बताइए कि वृक्ष प्रदूषण कम करने में किस प्रकार सहायक हैं /
3. प्रदूषण के कारण लुप्त होती वृक्षों की प्रजातियों पर व्यक्तियों के मध्य संवाद लिखिए /

SUBJECT WISE HOME WORK

ENGLISH

1. Write a letter in about 120 words to the editor of an English Newspaper describing the plight of earthquake affected people. Give example of their sufferings.
2. Read Chapter 3, 4 of 'Three Men in a Boat' & describe the scene which you like most.
3. Do integrated grammar ex. 2, 3 & 4 from work book.
4. Write an e-mail to one of your friends, describing him about the 'Mock drill' held in your school recently. Mention the benefits of such drills.

MATHEMATICS

1. Factorise

(a) $p^3(q-r)^3 + q^3(r-p)^3 + r^3(p-q)^3$

(b) $12(x^2+7)^2 - 8(x^2+7)(2x-1) - 15(2x-1)^2$

2. If $a^2 + \frac{9}{a^2} = 31$, find the value of $a - \frac{3}{a}$

3. Find the value of $8x^3 + y^3 - 30xy + 125$ if $2x + y + 5 = 0$

4. If $x+a$ is a factor of the polynomials $x^2 + px + q$ and $x^2 + mx + n$, prove that $a = \frac{n-q}{m-p}$

5. If $ab+bc+ac=36$ and $a^2 + b^2 + c^2 = 85$, find $a+b+c$.

SCIENCE

Answer the following Questions:

1. Explain why a small volume of water in a kettle can fill a kitchen with steam?
2. How does perspiration or sweating help to keep our body cool on a hot day?
3. What will happen if:
 - a) Excess amount of fertilizer is added to a green lawn?
 - b) Salt is added to cut pieces of raw mango.
4. What will happen if chloroplast is taken out of the cell and illuminated?
5. Why is Endocytosis found in animals only?
6. Explain briefly, how gases can be liquefied.

SOCIAL SCIENCE

1. Define the following terms
 - (a) Hazard
 - (b) Disaster
 - (c) Vulnerability
 - (d) Risk
2. Distinguish between Natural Hazard and Man Induced Disaster
3. Suggest some measures to cope with natural hazards
4. What two steps would you suggest to reduce the loss due to an earthquake?
5. Name two countries which have tackled the earthquake problems in a successful way and explain how they did so?
6. Why is it important for the students and teachers to learn about disaster mitigation?
7. Why are the people of developing countries affected more than the people of the developed countries by any disaster?

YOGA

Prepare a project report on yoga and how it is different from stretching of other kinds of fitness?

COMPUTER SCIENCE

1. Make a Power Point presentation on computer system and submit in the form of handout. (minimum 10-12 slides)
2. Explain the functional components of computer & make a collage on it. (A4 size sheet)

HINDI

1. नुक्ता युक्त 20 शब्द (व्याकरण पुस्तिका के अतिरिक्त) लिखिए /
2. अनुनासिक व अनुस्वार के 5-5 शब्द लिखकर वाक्य बनाइए /
3. दो लम्बी कविता किसी एक विषय पर लिखिए /
क. नारी मुक्ति
ख. प्रकृति संतुलन
ग. भ्रष्टाचार

गीष्मावकाश गृहकार्य व्याकरण कॉपी में करे /

Have a Fun-Filled Vacation !