



LAKSHYA UNIVERSAL ACADEMY

THDC COLONY, PARWAL DEHRADUN

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SUMMER HOLIDAY HOMEWORK

Project Work

Class 11th Science

ENGLISH

SEQUENCE OF THE PROJECT

01. Front page: To be printed on paper
02. Certificate: To be printed on paper
03. Acknowledgement.
04. Contents/Index.
05. Preface / Forward
06. Bibliography
- a. Make notes of chapter: The Portrait of a Lady

A Photograph

The Summer of the Beautiful White Horse

- b. Make an art integrated project on the Topic: The Address.

HINDI

SEQUENCE OF THE PROJECT

01. Front page: To be printed on paper
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03. Acknowledgement.
04. Contents/Index.
05. Preface / Forward
06. Bibliography
- 1- जनसंचार के विभिन्न माध्यमों की चित्र सहित व्याख्या करें।
- 2- संगीतकेवाद्ययंत्रोंकेविषयमेंजानकारीएकत्रकरेंऔरचित्रसहितउनकावर्णनकरें (कोई 10)
- 3 – आप विद्यालय द्वारा आयोजित ट्रेकिंग और पिकनिक पर अपने साथियों के साथ गए वहां का अनुभव और ली गई तस्वीरो के साथ एक लेख लिखिए।
- 4- महादेवी वर्मा की एक कविता सचित्र लिखिए।
- 5- आपने बहुत सारी पिकचर्स देखी होंगी । कौन सी है और वह आपको क्यों पसंद है? उस पिकचर के डायरेक्टर, प्रोड्यूसर, स्टोरी राइटर, और स्टोरी के बारे में सचित्र संक्षिप्त में वर्णन करिए।

CHEMISTRY

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PROJECTS

Scientific investigations involving laboratory testing and collecting information from other sources.

A few suggested Projects

- Checking the bacterial contamination in drinking water by testing sulphide ion
- Study of the methods of purification of water

D. Chemical Equilibrium

One of the following experiments:

- Testing the hardness, presence of Iron, Fluoride, Chloride, etc., depending upon the regional variation in drinking water and study of causes of presence of these ions above permissible limit (if any).
- Investigation of the foaming capacity of different washing soaps and the effect of addition of Sodium carbonate on it.
- Study the acidity of different samples of tea leaves.
- Determination of the rate of evaporation of different liquids Study the effect of acids and bases on the tensile strength of fibers.
- Study of acidity of fruit and vegetable juices.

MATH

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Activity 1- To verify distributive law for three given non-empty sets A, B and C, that is, $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$

Activity 2 - To identify a relation and a function.

Activity 3 - To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is 2^n .

BIOLOGY

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To create herbarium sheets of various plants of different species along with their taxonomical hierarchy, description and economical importance.