

Summer Vacation Assignments

Session 2023-24

Class IX

English – (interdisciplinary group activity) Make a PPT (maximum 10 slides, 5 in Hindi & 5 in English) on the Onam festival of Kerala and Chherchhera festival of Chhattisgarh. Describe the main features, similarities and differences between the two.

हिंदी

1. हिंदी, अंग्रेज़ी और सामाजिक विज्ञान विषयों पर कला.एकीकृत परियोजना कार्य।
2. प्रेमचंद जी की रचना 'निर्मला' को पढ़कर उसके किन्हीं दो पात्रों के विषय में अपने विचार विस्तार से लिखें।

Sanskrit-

‘एक भारत श्रेष्ठ भारत’ योजनान्तर्गतम् केरल राज्याधारितम् एकीकृत कला परियोजना कार्यम्।

— केरल राज्य की कला, संस्कृति, भौगोलिक/राजनैतिक स्थिति, खान-पान, नृत्य, गीत-संगीत, उत्सव, इतिहास, वास्तुकला आदि से संबंधित विषयों का समायोजन।

- परियोजना कार्य की भाषा – संस्कृत।
- यह एक सामुहिक क्रियाकलाप है जिसमें 2 से 3 छात्र एक समूह में होंगे।
- प्रत्येक जानकारी के साथ चित्रों का प्रयोग अपेक्षित है।
- वाक्य व्याकरण तथा वर्तनी आदि दोषों से रहित हों।

Chemistry-

- 1.To prepare NCERT intext and chapter end exercises of chapter 1
2. In a project file write activity with labelled diagram to show

- a) Particles of matter have spaces between them.
- b) particles of matter are very very small.
- c) Matter is made up of particles.
- d) activity to find melting point of ice and boiling point of water.
- e) Activity to show sublimation
- f) Activity to show diffusion and affect of temperature on rate of diffusion.

Physics-

PROJECT WORK FOR SUMMER VACATION:

This cool science experiment tests to see how static friction works to create an earthquake-like disruption with natural materials. Grab some standard bricks and see how much force it takes for them to rub together. Vary the controls by adding weight, fluctuating the friction, and seeing the mathematics behind these natural disasters.

PREPARE A MODEL RELATED TO PROJECT

Record all your observations and prepare project file support your project with well labeled diagram and statistical data.

Biology- ART INTEGRATED PROJECT on the chapter Natural Resources for Class IX

Dear Students,

In order to fulfill the CBSE guidelines for the year 2023-24 you all have to make a comprehensive inter disciplinary art integrated project on the theme -

“Comparative analysis between the Soil, Flora, Fauna, Wildlife Sanctuaries, National Parks and Biosphere reserves of Chhattisgarh and Kerala.”

The project must cover the following areas of concern –

- 1) Comparison of climate and soil of both the regions.
- 2) Biodiversity and the level of the species richness and it's endemism.
- 3) Brief Description of the state animal and state bird of respective states.
- 4) Prepare the list of the National Parks, Wild life Sanctuaries and Biosphere Reserves of the respective states.
- 5) Also, include some pictures related to the diversity of the above mentioned states.
- 6) Draw and colour the state emblem of the following states and write about its significance.

Note – (i) The project has to be submitted in three full size chart papers duly labelled with your Name and Class.

(ii) In case the project is prepared in comfortable groups; specify the area of work in which the student pupil has contributed.

Maths

Class 9 A : Group Project : Make a PPT based on the Lay Out of your Dream City and write all details of your plan. At last submit the hard copy also mentioning the name of all group members.(Take the help of online resources also)

Class 9B:

i. Practice 7 question answers in Revision copy. Write the answers with questions. Everyday write date and day on every page. Worksheets and exemplar maths PDF are shared in class whatsapp. You will practice these question answers from 5th May to 10th June.

Social Science- Make a project on natural calamities in file.

**Learn question answers of History-French Revolution
Economics-Story of the village Palampur.**

Artificial Intelligence-

**Design a ppt on the topic “Communication Skills” consisting of 10 slides.
Send an email to jay.bhagwani@sp.balbharati.org**