

**BIRLA SCHOOL, PILANI (RW)****Winter Vacation Home assignment session 2025-26 for classes 9**

ENGLISH	Prepare a three fold brochure on Nagaland
HINDI	<ul style="list-style-type: none"><li>• 'समास' प्रकरण का एक चार्ट बनाइए।</li><li>• 'परिश्रमी विद्यार्थी' प्रस्तुत विषय पर लगभग 100 शब्दों में लघुकथा लिखिए।</li><li>• 'देश पर पड़ता विदेशी प्रभाव' प्रस्तुत विषय पर 100 शब्दों में एक अनुच्छेद लिखिए।</li><li>• प्रस्तुत कार्य को एक फ़ाइल में करें।</li></ul>
SANSKRIT	<ol style="list-style-type: none"><li>1. उद्यान, विद्यालय, खेल का मैदान के चित्र कॉपी में चिपकाकर संस्कृत में पांच पांच वाक्य बनाए।</li><li>2. दीर्घ, उत्त्व, सत्व संधि के दस - दस उदाहरण अपनी पुस्तिका के अतिरिक्त लिखो।</li></ol>
MATHEMATICS	<ol style="list-style-type: none"><li>1. Make a formulae chart for surface area &amp; volumes of 3 dimensional figures.</li><li>2. Solve all the examples of chapter 11 ( Surface area &amp; volumes) NCERT Class 9 Mathematics book.</li><li>3. Assist your parents in general calculations and billing while purchasing groceries and household things. Happy Vacations</li></ol>
SOC.SC History & civics	What is S.I.R? Why it is carried out? Mention / share the results of any 2 state and analyze it (reference policies/ newspaper data.
Geography & Economics	Draw rainfall temperature graphs data's given in NCERT geography book, Chapter 3.in exercise 10 stations data are given. on a graph notebook draw the graph.
SCIENCE	<b>Make a Art Integrated Project of 8-10 A4 size pages on the topic given below, with points mentioned in Project details. "Science in Culture: A Comparative Study of Rajasthan and Nagaland through Art Integrated Learning"</b>

**This project aims to study that how scientific principles of Physics, Chemistry, and Biology are applied in the traditional art forms, lifestyle, housing, clothing, agriculture, and natural resource use of Rajasthan and Nagaland, and to present them using visual & performing arts.**

Project Details-

 BASIC DETAILS  Cover page with title, name, class, section, school  Index with page numbers.

 INTRODUCTION & OBJECTIVES  Short introduction to the topic  Aim of the project clearly written.

Objectives mentioned (Science + Culture + Art).

 STATES INTRODUCTION  Brief profile of Rajasthan  Brief profile of Nagaland.

 SCIENCE IN DAILY LIFE (COMPULSORY)

PHYSICS  Physics in Rajasthan (houses, music, climate control)  Physics in Nagaland (bamboo houses, roofs).

CHEMISTRY  Natural dyes / food preservation in Rajasthan  Fermentation / natural materials in Nagaland.

BIOLOGY  Plants & animals adapted to Rajasthan climate  Biodiversity & farming methods of Nagaland.

 LIFESTYLE APPLICATIONS

Housing & architecture (science link)  Clothing & textiles (climate based)  Agriculture & natural resources.

 COMPARISON  Rajasthan vs Nagaland comparison (table or points)  Similarities and differences shown.

 ART INTEGRATION (MANDATORY)

Drawings / paintings / motifs  Folk art, dance or music reference  Science explained through art.

 REFLECTION  Learning outcomes written  Conclusion included.

 REFERENCES  NCERT textbook  At least one other source.

A.I.

Learn new AI tools and create a classification note-book share the model if possible. Otherwise at least share 2 screenshots with timestamp.

PAINTING

Make..."PICTURE DISE" only

MUSIC

Learn two Bhajans and two patriotic songs.