



SYNA INTERNATIONAL SCHOOL, KATNI
SUMMER ASSIGNMENT (2026-27)
GRADE-X

ENGLISH

Theme : Sustainable Development

Chapter : Glimpses of India

From the traditions of Bihar to the greenery of Coorg, the beaches of Goa and the tea gardens of Assam, India showcases Unity in Diversity. Each place is unique, yet all are connected by culture, heritage and shared identity.

Divide pages with different colours for each region:

Add drawings (Tea garden, beach , Madhubani art, hills etc)

Tips for presentation : Use arrows or flow chart to show the journey

Use different colours for each region's origin

Add small symbols (painting for Bihar, ammunitions for coorg, ship for Goa & tea leaf for Assam)

Use A4 size sheets and present it with an attractive cover page.

HINDI

'अब कहां दूसरों के दुखी में दुखी होने वाले' पाठ के आधार पर 'विकास हेतु विनाश की अनिवार्यता' विषय के पक्ष और विपक्ष में लगभग 500 शब्दों में अपने तर्क प्रस्तुत करते हुए फाइल तैयार कीजिए।

MATHEMATICS

□ Theme: Sustainable Development Using Statistics
Homework Title :- STATISTICS

Dear Students,

Mathematics is not only found in books—it is everywhere around us, even in the vast Universe! □

Introduction:

Sustainable development means meeting the needs of the present without compromising the ability of future generations to meet their needs. It focuses on balancing economic growth, environmental protection, and social well-being.

Statistics helps us understand, analyze, and make decisions based on data related to sustainability such as pollution levels, population growth, resource use, etc.

Importance of Statistics in Sustainable Development

Statistics helps in:

- Measuring environmental changes (air, water pollution)
- Studying population growth
- Analyzing use of natural resources
- Planning sustainable policies
- Comparing data over time

□ **HOMEWORK INSTRUCTIONS:**

- Print papers not allowed
 - Prepare a Beautiful Project File
 - Use an A4 size paper and make it colourful, neat, and creative.
 - Use colours, creativity, and proper labelling
 - Avoid direct copying
 - Make your project attractive and informative

□ Worksheet: Sustainable Development Using Statistics

Q1. (Mean, Median, Mode)

The daily electricity consumption (in units) of 7 households is:
12, 15, 10, 18, 15, 20, 10

Find:

- (a) Mean
- (b) Median
- (c) Mode

Q2. (Data Interpretation)

The number of trees planted in a colony over 6 months is:

SCIENCE

Task: Case Study / Project File

Choose metals (Iron, Aluminium, Copper, Gold) and include:

Science Part:

Properties (physical & chemical)Uses of each metal in daily life.

SOCIALSCIENCE

Project Title:

“Resources and Development with Sustainable Development”

Instructions:

Prepare a beautiful file project (8–10 pages) on the above topic using A4 size sheets.

Use neat handwriting, colored headings, relevant pictures, maps, diagrams, and charts.

Introduction

Types of Resources

Resource Planning

Land Resources

Soil Resources

Sustainable Development

Importance of Conservation

Conclusion

Bibliography

TOURISM

1. Practical File / Portfolio/ Power Point presentation.

Suggested list of Projects –

- 1. Make a survey report on the impacts of tourism. It shall include both positive and negative impacts.**
 - 2. Collect pictures of a person transmitting message through facial expressions or gestures and list the kinds of communication that are helpful and those that cause hindrance while performing a work.**
 - 3. Prepare a catalogue to help the staff in their grooming skills so that they always look well groomed and presentable. Include pictures and detailed information.**
 - 4. Students shall visit a local museum and create a report on it. It shall include the role of the museum in regards to the Indian culture, its social value, the intercultural perspective and the role of a museum in attracting tourism.**
 - 5. Students will create a report on any one of the 32 World heritage sites in India. It shall include introduction, history, importance, potential, and visitor information.**
 - 6. Students will do a detailed study on any one of the Tourism Products. It shall include importance, features, specialties and tourism opportunities.**
 - 7. Students will create a report on different kinds of passport and visas available for tourists around the world. It shall include salient features and privileges if any.**
 - 8. Students will create a detailed report on body language and its importance at work place. It shall include both positive and negative aspects of gestural communication.**
 - 9. Students will create a report on social etiquette and table etiquette. It shall include all the socially accepted norms.**
 - 10. Students will visit a hotel and create a catalogue on it. The catalogue shall include information about the various rooms on offer, Meal plans on offer, hotel tariff, banquets, restaurants, memberships on offer and other important services.**
- 2. Demonstration of Skill competency via Lab Activities (SHORT VIDEO).**

3. Fam Tour

Contents

1. Vistt to Local/Near by Museum

2. Report on the visit

3. Do's and Don'ts for the tourist (Sustainable Practices