



AL AIN JUNIORS SCHOOL
INDIAN SYSTEM

AL AIN JUNIORS SCHOOL HOLIDAY ASSIGNMENT 2023-24



Grade

8

Submission Date:

05-09-2023

Groups for Holiday Assignment

8-A

STUDENTS NAME	GROUP	ASSIGNED SUBJECT
Abdullah Al Fahim Vinayak Biju Krishna Samuel Varghese Seya Mustafa Zaryab Syed Mohamed Razin Vakkatt Joshua Kuriakose Mathew Jerom Mathew Jaison	1	ENGLISH
Gursangat Singh Dilwinder Singh Shrey Joshi Ryan Skaria Biju Mohammed Rehan Nishad Kishore Senthil Johan George Vino Kolady Hrishikesh Vinod	2	SCIENCE
Devnarayan Prabhakaran Tejas P Nair Saad Kapadia Mohammed Zahid Mohamed Al Mahdhi Jonah Cherian Illamaran Baraneetharan	3	MATHEMATICS
Sarthak Rai Quraish Hakimuddin Khambati Mohammed Abdul Razack Juan Sambash Jacob Joel Skariah Jinu Hatim Noufal Noufal Arakkal	4	SOCIAL SCIENCE



Title: Sustainable Farming Innovations in Island Agriculture

Objective: The objective of this assignment is to research, create, and present an innovative sustainable farming concept suitable for the unique agricultural conditions of Lakshadweep and Andaman and Nicobar Islands. Students will develop their research, critical thinking, creativity, and presentation skills while exploring sustainable agriculture practices in island environments.

Instructions:

- 1. Research:** a. Conduct research on sustainable farming practices and innovative agricultural concepts suitable for island environments. b. Focus specifically on the challenges faced in Lakshadweep and Andaman and Nicobar Islands and the potential solutions that can be implemented.
- 2. Innovative Farming Concept:** a. Based on your research, develop an innovative and sustainable farming concept that addresses the agricultural challenges in Lakshadweep and Andaman and Nicobar Islands. b. Consider factors such as limited land availability, water scarcity, transportation difficulties, and climate change impacts in your concept. c. Your concept should aim to enhance agricultural productivity, reduce environmental impact, promote resource conservation, and improve the livelihoods of farmers.
- 3. Presentation:** a. Create a visually engaging presentation to showcase your innovative farming concept. Use computer software or any creative medium that allows you to present your ideas effectively. b. Your presentation should include:
 - **Introduction:** Introduce the concept of sustainable farming and provide an overview of the agricultural challenges in the islands.
 - **Innovative Farming Concept:** Present your unique farming concept, explaining its key features, benefits, and how it addresses the challenges identified.
 - **Implementation Plan:** Outline a step-by-step plan for implementing your concept in Lakshadweep and Andaman and Nicobar Islands. Include considerations for local resources, community involvement, and potential partnerships.
 - **Visual Representation:** Incorporate diagrams, infographics, or illustrations to visually represent your concept and make it more engaging.
 - **Advantages and Potential Impact:** Discuss the advantages of your concept and its potential impact on agriculture, environment, and livelihoods in the islands.
- 4. Reflection:** Write a reflective paragraph about your experience working on this assignment. Include your thoughts on the importance of sustainable farming and how your innovative concept can contribute to addressing the agricultural challenges in Lakshadweep and Andaman and Nicobar Islands.
- 5. Optional: Prototype or Model:** For an additional creative element, you can choose to create a prototype or model to represent your innovative farming concept. Use materials like clay, recycled materials, or digital design tools to bring your concept to life visually.

Assessment: Students' assignments will be assessed based on the following criteria:

- Depth of research and understanding of sustainable farming practices.
- Creativity and originality of the innovative farming concept.
- Clarity, organization, and visual appeal of the presentation.

Prepare a class magazine: (Group Assignment)

Every student should send his/her contribution for the class magazine in any field of his/her interest to your editorial team. (Short story, crossword puzzles with answers below, mathematics puzzles with answers below, articles, drawings, innovative thoughts.) Contributions should be in a neat unruled A4 size sheet with passport size photograph and name written at the top right corner. Give a name to your class magazine and design the cover page. You may submit it after bidding it on 4th September 2023.

Let us spend this Summer reading some classics

1. Moby-Dick; or, the Whale
2. The Pearl - John Steinbeck
3. The Importance of Being Earnest - Oscar Wilde
4. The Taming of the Shrew - William Shakespeare
5. The Old Man and the Sea - Ernest Hemingway
6. Othello - William Shakespeare
7. Wuthering Heights - Emily Brontë
8. The Grapes of Wrath - John Steinbeck
9. A Midsummer Night's Dream - William Shakespeare
10. Great Expectations - Charles Dickens
11. Jane Eyre - Charlotte Brontë
12. The Adventures of Huckleberry Finn - Mark Twain
13. Lord of the Flies - William Golding
14. To Kill a Mockingbird - Harper Lee

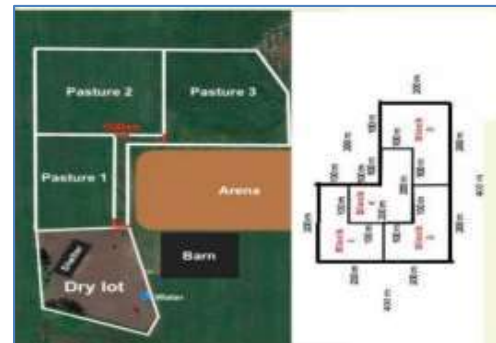
MATHEMATICS



Agriculture in Andaman & Nicobar Islands and Lakshadweep

Objective: To apply mathematical concepts in farming to calculate ratio, perimeter, and area.

- *Explore geometric shapes found in the agricultural farms of the Andaman & Nicobar Islands and Lakshadweep.*
- *Find the ratio of different types of farming.*
- *Design a farm using that data collected. - use different colours to represent different shapes.*
- *Identify and classify the shapes, calculate their areas, and perimeters.*



Reference links:

[Organic Farming AN Islands.pdf \(icar.gov.in\)](https://www.icar.gov.in/publication/organic_farming_in_andaman_nicobar_islands.pdf)

[Andaman farmers reshape land for better farming | Earth Journalism Network](https://www.earthjournalismnetwork.org/andaman-farmers-reshape-land-for-better-farming/)

RUBRICS

- Creativity - 3 Marks
- Presentation - 3 Marks
- Originality - 2 Marks
- Timely submission - 2 Marks
- **Date of submission: 04 - 09 - 2023**

Guidelines

- Design the cover page.
- Research work must be handwritten on A4 size paper.
- Your work should be attractive and colorful with related pictures.

SCIENCE



Agriculture in Andaman & Nicobar Islands and Lakshadweep **LEARNING OBJECTIVES: TO INVESTIGATE CROP** **PRODUCTION AND MANAGEMENT ISLANDS**

- Investigate the challenges and unique aspects of crop production and management in islands.
- Identify the factors affecting crop production in island environments.
- Explore strategies and techniques for successful crop production and management in islands.
- Analyze the importance of sustainable practices in island agriculture.
- Develop critical thinking and problem-solving skills in relation to crop production and management in islands.



Reference links:

<https://nicobars.andaman.nic.in/department-of-agriculture/#:~:text=In%20Nicobar%20group%20of%20islands,form%20china%2C%20Malaysia%20and%20Indonesia.>
<https://agri.and.nic.in/objective.htm>

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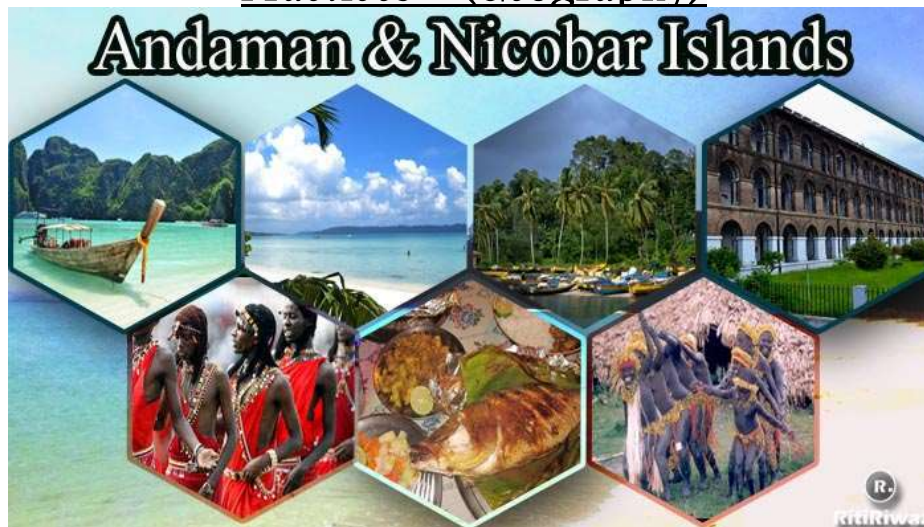
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SOCIAL STUDIES



Topic: - "Preserving Andaman's Historic Sites: A Creative Journey"~ (History)
"Sustainable Farming on Andaman Islands: Artistic Exploration of Agricultural Practices"~ (Geography)



Project Description: History

In this art integration project, students will explore the historic sites of the Andaman Islands such as Cellular Jail, Ross Island, Viper Island, and Anthropological Museum and their cultural significance.

LEARNING OBJECTIVE: The project aims to promote awareness and appreciation of the rich historical heritage of the Andaman Islands through artistic expression.

Project Description: Geography

In this art integration project, students will explore the unique agricultural practices and sustainable farming methods on the Andaman Islands including its history, techniques, benefits, and impact on the environment and local communities.

LEARNING OBJECTIVE: The project aims to raise awareness about the importance of sustainable agriculture and the role it plays in the ecological and economic well-being of the islands.

TASK: - Create an Info graphic PowerPoint (To be done in Groups). The assignment should be presented with neatness, creativity and relevance to the topic.

An info graphic (information graphic) is a **representation of information in a graphic format designed to make the data easily understandable at a glance**. Infographics often use visual tools such as timelines and graphs to catch the attention of the viewers.

How to create info graphics on PowerPoint

1. Start a new presentation. ...
2. Change slide to portrait mode. ...
3. Choose a background. ...
4. Add title and subheading text. ...
5. Open "SmartArt" and choose your visual elements. ...
6. Add informative text. ...
7. Add images. ...
8. Save your infographic

Reference links-

<https://andamanexoticholidays.com/news/historical-places-to-visit-in-port-blair>

<https://www.indiastat.com/andaman-and-nicobar-islands-state/data/agriculture>

<https://farmer.gov.in/image/default/handbooks/ANDAMAN%20AND%20NICOBAR.pdf>

LANGUAGES

HINDI

अंदमान और निकोबार द्वीप समूह और लक्षद्वीप की कृषि पर एक परियोजना तैयार कीजिए .



कला समेकित अधिगम के उद्देश्य

प्रत्येक बच्चे के सक्रिय भागीदारी को बढ़ावा देना .

सामाजिक कौशलों के विकास को बढ़ावा देना .

भावात्मक अभिव्यक्ति और स्थिरता को बढ़ावा देना .

MALAYALAM

Agriculture: ലക്ഷദ്വീപ്, ആൻഡമാൻ നിക്കോബാർ ദ്വീപുകൾ എന്നീ പ്രദേശങ്ങളിലെ വിവിധ കൃഷികളെക്കുറിച്ചും കൃഷി രീതികളെക്കുറിച്ചും കാർഷിക വിളകളെക്കുറിച്ചും ഒരു പി.പി .ടി./ വീഡിയോ മുഖി നിർമ്മിക്കുക.

FRENCH

Art Integration Project for Grade 8-Lakshwadeep, Andaman and Nicobar Islands

Agriculture

Préparez un PPT ou une vidéo sur les diverses cultures, les pratiques agricoles et les cultures agricoles des îles Lakshadweep et Andaman et Nicobar.

ISLAMIC STUDIES

Prepare a booklet or PPTS on **“Importance of education in our life”** including Quranic verses, Noble Ahadith and relevant scholarly quotes.

ARABIC

من منصة ألف أجب علي الآتي : - 1

From Arabits pltfom answer the following sets:

Set No. 43 /58 /81 /101/120 / 130/132/ 135 /137 /153

استخدم الروابط لعمل التمارين : - 2

Use the following links to do this exercises:-

[https://www.liveworksheets.com/worksheets/ar/Arabic language/Reading skill/Join sg744851yr](https://www.liveworksheets.com/worksheets/ar/Arabic%20language/Reading%20skill/Join%20sg744851yr)

<https://www.liveworksheets.com/uk1458599bk>

<https://www.liveworksheets.com/ef74592fa>

<https://www.liveworksheets.com/ig1521580ku>

<https://www.liveworksheets.com/df2912005kv>