

## HOLIDAYS HOMEWORK (SCIENCE) 2024-25

### CLASS-9

1. Revise all the chapters completed before the summer vacation and take your online Educsoft assessments.

### 2. Interdisciplinary project-

#### Sustainable organic farming/agriculture development

There is a huge potential for organic farming in Andaman & Nicobar Islands and Lakshadweep especially cultivation of spices, coconut, tropical fruits and high value vegetables. Organic waste recycling and other nutrient management strategies can meet 100 %, 60 % and 30 % of N, P and K requirements, respectively.



Create a research-based project based on the following points- (paste pictures also)

- Which sustainable practices are used in Andaman & Nicobar Islands and Lakshadweep Island?
- When was Lakshadweep declared chemical free zone?
- What were the various Govt. Initiatives to promote organic farming at these places?
- Which is the major crop grown using organic farming and state the cropping pattern used?
- State the benefits of practicing organic farming.

**Note- Do this work in A4 size sheets.**

### 3) Art Integrated Activity-

Make a poster on the topics mentioned below with a catchy slogan on a half pastel sheet according to the roll number

- Reducing Carbon Footprint - Roll No 1 to 7
- Climate Action (SDG -13)- Roll No 8 to 14
- Planet Vs Plastic - Roll No 15 to 21
- Affordable and Clean Energy (SDG 7)- Roll No 22 to 28
- Sustainable Cities and communities (SDG -11)- Roll No 29 onwards

#### 4) **Save Electricity Campaign and Appreciation for Winners**

- 1) What is SDG-12?
- 2) Is electricity consumed when the device is on standby mode?
- 3) What barrier do you face when trying to save energy?
- 4) Is it possible to increase energy efficiency at my home? If yes, suggest the possible ways.
- 5) What do you understand by standby power consumption?
- 6) How do you manage your heating and cooling system?
- 7) Make a tabular form of electricity bill consumed from May-July 2023 and May-July 2024.

Month	2023	2024
May		
June		
July		

- 8) How aware are you of the importance of conserving energy?
- 9) What changes did you observe if you and your family followed energy saving tips?
- 10) What further can be done to save electricity?

Note- Do this work in your science notebook.

#### 5) **Build your impact profile** -

'Do good work to make our world a better place to live in.' Click yourself doing good work (Planting trees, caring street animals, feeding birds, recycling waste, awaring others about SDG etc...) and upload it on Go Sharpener platform – The School Student network

Don't forget to use relevant HASTAG # with your picture.