



DARUL HUDA ISLAMIC SCHOOL, AL AIN
WINTER HOLIDAY ASSIGNMENT 2023 -2024
SCIENCE



Grade-4

This WINTER break, Try and make a difference

The Year of Sustainability-2023

The year 2023 is dedicated to sustainability, under the theme, 'Today for Tomorrow'



- Appreciate Nature- Go for long walks in a park or garden with your family and friends.
- Save Nature- Contribute to save our precious environment. Minimize the wastage of resources like water, fuel and electricity.

Task 1

"Digestive Delight: The Journey of Food"

Learning objective -create working model to visually represent how the digestive system processes food.

Make a working model of the human digestive system .

For this , take different colored paper ,draw the parts of the human digestive system on the coloured paper .Then stick each part of the human digestive system with the help of glue on a chart paper at the correct places . Label it properly .

<https://www.youtube.com/watch?v=wCC6YVEB2XA>

Task 2

Let's Grow Green: Create Your Own Mini World – A Terrarium Adventure!"

Explain how your mini ecosystem works .(in a chart paper)

<https://www.youtube.com/watch?v=ZaU3IHbUVU8>

Task 3

"Shining Bright: Building a Solar-Powered House - conservation of Renewable Energy"

Creating a Working Model:

Engage in hands-on learning by constructing a solar-powered house model to demonstrate the practical application of solar energy.

<https://www.youtube.com/watch?v=nRT2E1gU-AE>

Rubrics Marks
Creativity 3
Content 3
neatness 2

“WISH YOU ALL A FUN PACKED WINTER BREAK!”



Darul Huda Islamic School- Al Ain
Winter Holiday Assignment 2023-2024
ENGLISH
GRADE 4



Theme: SUSTAINABILITY Value: Preservation

READ THE POEM (Lesson-8) HOW MANY GREENS IN THE PARK?

GROUP A- Select any one of the following tasks from the options provided.

TASK 1

Create a Sustainability Campaign Poster:

Design an **eye-catching poster** encouraging sustainable practices. Include information about reducing waste, saving energy, and preserving green spaces. Use artistic elements and persuasive language.

(OR)

TASK 2

Write a Green Hero Story:

Develop a **short story** featuring a character who takes extraordinary measures to protect the environment. Emphasize the importance of sustainable actions and their impact on the community.

CRITERIA:
Neatness -3
Creativity-2
Use of strong
vocabulary words
-2
Presentation-3
Marks-10

Submission Date:
02.01.2024

GROUP B -Select any one of the following tasks from the options provided.

TASK 1

Develop a **comic strip** featuring a superhero who fights environmental issues focusing on the importance of green life.

Creativity: Integrate humor and creativity to convey the message effectively. Include characters practicing sustainable habits and facing challenges related to environmental issues.

(OR)

TASK 2

Green Diary: Keep a **diary** for a week, documenting daily activities that contribute positively or negatively to the environment. Create a visual representation in the diary entry (poster or collage) highlighting ways to improve habits for a more sustainable lifestyle.

CRITERIA:

Neatness -3
Creativity-2
Use of strong
vocabulary words
-2
Presentation-3
Marks-10

Submission Date:
02.01.2024

GROUP C- Select any one of the following tasks from the options provided.

TASK 1

Construct a **model of your own park using recycled materials** to create artwork that highlights the beauty of nature and the importance of sustainability. Also write a short paragraph explaining the message behind your artwork.

(OR)

TASK 2

Write an **acrostic poem** using the word "GREENERY." Each line should start with a letter from the word, and each line should express a simple idea about being environmentally friendly. For example, G could stand for "Grow plants," R for "Recycle," E for "Energy- saving habits," etc.

CRITERIA:

Neatness -3

Creativity-2

Use of strong

vocabulary words

-2

Presentation-3

Marks-10

Submission Date:

02.01.2024



Happy Winter Holidays!

See you soon!



**DARUL HUDA ISLAMIC SCHOOL,
ALAIN**

Winter Holiday Assignment 2023-24

Grade 4

Mathematics



Dear Students,

"New Year arrives with hopes and it gives us new courage and belief for a very new start. Wish you and your family a very Happy New Year". An investment in knowledge pays the best interest. Let's begin the year 2024 with new ideas of learning"



Using mathematics concepts to learn sustainability, it's easy to relate basic mathematics concepts to critical and current issues. This includes the sustainable availability of various resources.



GROUP A

Water conservation is the practice of using water efficiently to reduce unnecessary water usage.

- Rainwater harvesting tanks can collect 1745 litres of water per year. In the village area there are 230 such tanks built for rain water harvesting. Calculate the total volume of water can conserve annually.
- Suggest 5 methods to conserving water.

GROUP B

Forests help to slow the rate of climate change by removing carbon dioxide from the atmosphere and sorting it.

The area of forests in different states of India is given below, observe the information and answer the following questions.

Class	Area
Very Dense Forest	99,779
Moderately Dense Forest	3,06,890
Open Forest	3,07,120
Total Forest Cover	7,13,789
Scrub	46,539
Non-Forest	25,27,141

1. What is the total area of open forest and very dense forest?
2. What is the difference between total first cover and moderately Dense Forest cover?
3. Which types of forests are very less in india?
 - Suggest 5 ways to conserve forest.

GROUP C

Prevents pollution caused by reducing the need to harvest new (materials.

- ★ Make a model of 3D shapes using recycling materials (News Papers , Bottles, paper plates, etc.)
- ★ Research about 3R principles of recycling.

RUBRICS	Marks
Creativity	2
Skill	2
Accuracy	2
Presentation	2
Submit on time	2

Submit the Assignments on or before 4/01/2024



DARUL HUDA ISLAMIC SCHOOL, AL AIN

SOCIAL STUDIES - GRADE 4



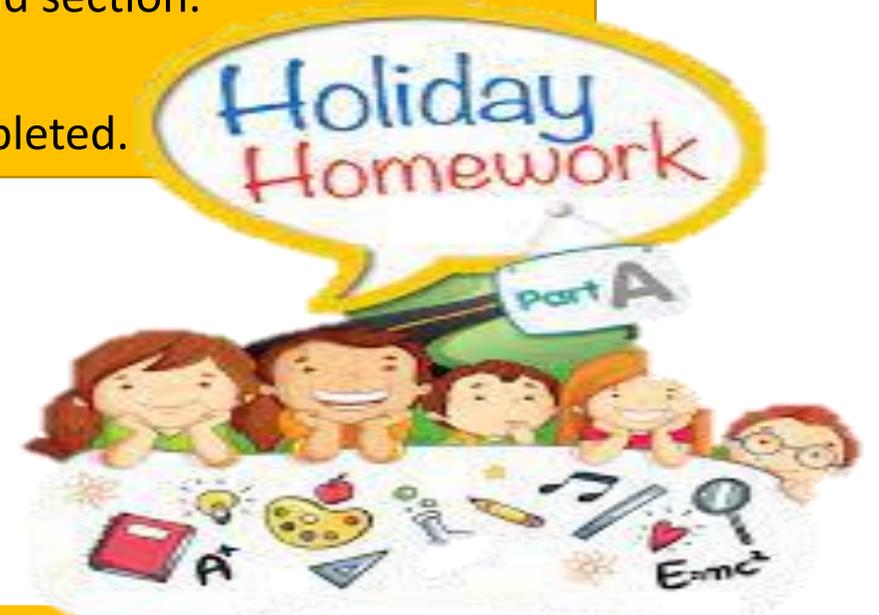
GENERAL INSTRUCTIONS

Select any one task.

It should be clearly labeled along with your name, class, and section.

Handwritten research papers on A4 paper are required.

According to the directions, the assignments must be completed.



TASK 1

Create an album showcasing different currencies from around the world.



OR

Create a sculpture from discarded materials.

OR

COMMUNITY AWARENESS POSTER: Design a poster promoting sustainable practices within their community. Include information on reducing waste, conserving energy, or protecting local ecosystems.



RUBRICS

- Creativity - 3 Marks
- Presentation - 3 Marks
- Originality - 2 Marks
- Timely submission - 2