



**DARUL HUDA ISLAMIC SCHOOL, ALAIN**



**SUMMER HOLIDAY ASSIGNMENT**

**English**

**Grade: VIII**

- Read a novel of your choice and write its review with reference to plot, theme and characters in about 300 – 350 words.
- There are many climate zones across the Earth. Each climate zone has its own distinct vegetation and flora. Research on UAE's climate zone and write a project on UAE's climate change and vegetation.

**SCIENCE**

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**Section A (Physics)**

I. Research report:

Global studies have shown that noise is considered as the one of the most dangerous types of environmental pollution on public health, and has a negative effect on the audio, neurological and digestive tract of the human body.

Prepare a report on “Initiatives taken by UAE government to reduce noise pollution

<https://www.propertyfinder.ae/blog/noise-restrictions-in-dubai/>

<https://www.khaleejtimes.com/nation/general/an-end-to-noise-pollution-imperative-say-experts> ”

Rubrics: Depth of knowledge(2), observation and collection of data(2), organization(2), interpretation(2), conclusion(2)

## II. Photo album:

Musicians and vocalists have played a great role in popularising the culture of their country all across the globe. They have enriched the world of art and enthralled the audiences with their masterful artistry. Their soulful rendition has brought solace to many a hearts. The world of music is so broad, there are many musical genres, and each musician has his own musical instrument. Prepare an album of at least 15 famous musicians and their musical instruments

Go to <https://timesofindia.indiatimes.com/Meet-the-Indian-classical-music-legends/articleshow/54541120.cms>

And

[https://en.wikipedia.org/wiki/Category:Lists\\_of\\_musicians\\_by\\_instrument](https://en.wikipedia.org/wiki/Category:Lists_of_musicians_by_instrument)

Rubrics: (content Knowledge (2.5), presentation(2.5), neatness(2.5), creativity(2.5)

### (Chemistry)

1. Make a project file on metals and non-metals according to the following:
  - Metals and non-metals found in India
  - Their location. ( City, District, State)
  - Uses
  - Mark locations on map of India.
2. Prepare a report on energy conservation and energy efficiency measures taken by the UAE government .

### (Biology)

1. Collect information related to cloning technique and prepare a report on its advantage. You can search information on the internet.
2. Explain the life cycle of a frog.

**Please note:** The assignments must be done in the Biology notebook only. Please **Do Not** submit on loose sheets/files/folders.

### **Rubrics for Assignment**

<b>Neatness</b>	<b>2</b>
<b>Content Knowledge</b>	<b>3</b>
<b>Presentation</b>	<b>2</b>
<b>Independent Learning</b>	<b>2</b>
<b>Regularity</b>	<b>1</b>

### **Social Science**

**A.** The period from 1757 till 1857 saw the extension of British power and economic exploitation. It created dissatisfaction and distrust both among the Indian elites and the masses, which resulted in several local uprisings. These uprisings finally culminated in the revolt of 1857.

Briefly explain the causes, course, suppression of the revolt, reasons for the failure and the impact of the revolt .

**B** The unjust treatment and discrimination faced by the Indian soldiers at the hands of the British led to mutiny. In modern society, discrimination still exists in many forms. Prepare an essay on what you think is the right way to voice your protest against such injustice.

### **RUBRICS:**

- Content Knowledge (2)
- Presentation (2)
- Independent Learning (2)
- Neatness (2)
- Regularity (2)

## Mathematics

1. The product of two rational numbers is 6. If one of them is  $\frac{1}{2}$ , then what is the second number?
2. An hour of CFL use consumes  $10^{-2}$  kWh (kilowatt – hour), if each kilowatt-hour of electricity use is equivalent to  $3.6 \times 10^6$  joules of energy, then find out the energy in joules used by the CFL in one hour.
3. A farmer has a choice of buying either of the following two pieces of fertile land at the same cost.
  - a) A plot of total area 360 Sq.mOr
  - b) A plot of square shape with side measuring 21.4 m.Which of the plot should the farmer buy? Why?
4. Hamad made a cuboid of size 2cm X 3cm X 4cm. How many such cuboids will be required to make a cube?
5. The difference between two numbers is 60. The ratio of the two numbers is 3:7. Find the numbers.

## Moral Education

The family tree is appreciated by families who are proud of their roots, origin and ancestors.

- Write the names of parents, children, brothers, sisters, grandparents, uncle, nephews etc. on a small piece of paper. Collect as many names as possible.
- For names that are unknown or forgotten, seek help from older members of the family.
- Create a chart by pasting the names of children, parents, grandparents etc.

## UAE SOCIAL STUDIES - ( 10 Marks)

1. Research: Conduct a research on archaeological sites in the UAE.  
( Support your views and studies with relevant pictures )

