



DARUL HUDA ISLAMIC SCHOOL, AL-AIN

HOLIDAY ASSIGNMENT 2019-2020

Subject: General Science (Grade -7)



PHYSICS

★ Project:

Make a working model of “MINI RAILWAY SIGNAL”

Refer the site: <https://www.youtube.com/watch?v=SCy9txIv8jk>

- **MY COMMUNITY IS MY IDENTITY:**(Do in notebook-activity page)

Prepare a report on “Production of electricity in UAE”

Chemistry

- Wastewater Management

* Write a short report on waste-water management.

* **My community is my identity**

Find out how wastewater is recycled and used in UAE.

Include pictures of some waste-water treatment plants.

- **Create a logo or symbols showing water scarcity.**

Biology

Project:

- ❖ There are four kinds of blood groups known as A,B,AB,O. Refer to books in the library and the internet and collect more information on them.

<https://kidshealth.org/en/teens/blood-types.html>

My community is my identity

- ❖ How do palm trees reproduce? (Do in notebook activity page)
- ❖ (<https://sciencing.com/life-cycle-gymnosperms-5456257.html>)
- ❖ Submit on or before 9th January 2020.

Rubrics for Assignment

Neatness	2
Content Knowledge	3
Presentation	2
Independent Learning	2
Regularity	1

Rubrics for Model

Creativity	3
Materials used	2
Presentation	2
Perfection	2
Neatness	1

ENGLISH

1. Prepare a write- up in about 100 words on the topic *Sharja International Book Fair -2019*. Organize details under appropriate subtitles and attach relevant photographs. <https://www.sibf.com/en/home>
2. Research on the topic ‘Music and Mathematics’ (The basis of musical sound can be described mathematically and exhibits a remarkable array of number properties"– Wiki Pedia) Unit Link: Unit 14. Music and Immortality. **Refer the site:** (https://en.wikipedia.org/wiki/Music_and_mathematics) [History; Time, rhythm and meter; Musical form; Tuning systems(introduction only); Connection to mathematics (‘set theory’ and ‘Abstract Algebra’)]

Success Criteria: Please take care of the rubrics for assessment of your research work.

Understanding of the expected research outcomes	Meeting the project requirements	Variety of sources and references	Creative and Innovative presentation
5	5	5	5

MATHEMATICS

1. Find the area and circumference of
i) any one UAE cricket ground ii) outside the UAE any one cricket ground.
2. Haseeb bought a laptop for Rs 25,000. He spent Rs 6,000 on upgrade and then sold it for Rs 35,000. Find his profit per cent.
3. Of a certain sum of money, 25% is 5000 AED. Find the sum.
4. Find the cost of polishing a circular tabletop of diameter 1.8m if the rate of polishing is 12 AED per sq m.
5. The height of a parallelogram is half its base. If its area is 200 sq cm, find its height and base.

SOCIAL SCIENCE -

1.Research:-(My identity)

Conduct a research on the topic, Development of markets in the UAE(From traditional to modern markets. (paste the pictures)

2.Create an advertisement :Imagine you are a copywriter working for an advertising company. Choose any one product(soap,oil,vehicle,zoo,chocolate) and create an advertisement,

Rubrics

Presentation	3
Creativity / Research Skill	3
Content	3
Submit on time	1
Total	10

Moral Education

1. Prepare a speech highlighting the positive and negative impacts of social media, to be delivered in your MEd period after your winter recess. The speech must be written on an A4 sheet and the minimum number of words should be 300.
2. You might have heard about the risks that people face while using internet facilities. Write examples of such dangers/ risks and the measures to be taken to avoid those risks while using internet.