



**DARUL HUDA ISLAMIC SCHOOL- AL AIN
SUMMER HOLIDAY ASSIGNMENT 2022-2023**



Social Studies

Grade 7

1. Prepare a collage

Prepare a collage on different types of landforms created by various agents of erosion including glaciers, wind, sea waves, and river etc.

OR

Research:

Conduct a research and prepare a report about how management of waste material is essential for the conservation of our environment. Do you think alterations made by human beings on the environment result in pollution and resource depletion?

(Include pictures)

Rubrics:

Content	3
Presentation	3
Neatness	3
Punctuality	1
Total	10



DARUL HUDA ISLAMIC SCHOOL AL-AIN

HOLIDAY ASSIGNMENTS 2022-23



GRADE 7

PHYSICS

Marks: 10

Instructions: Choose any of the following topics and present it through various methods like Project work, Presentation, Chart work, video etc.

Topics:

1. Project on the topic 'Thermal solar Panels and its applications in UAE'

For reference: <https://www.slideshare.net/muratironmoon/solar-thermal-system-applications-in-uae>

<https://www.ku.ac.ae/proving-that-solar-power-can-help-meet-the-uae-s-energy-needs>

2. Project on 'Different types Thermometers and their applications in daily life'

For reference: <https://oxscience.com/types-of-thermometer/>

<https://www.linquip.com/blog/types-of-thermometers/>

<https://www.qualitylogoproducts.com/blog/different-types-of-thermometers/>

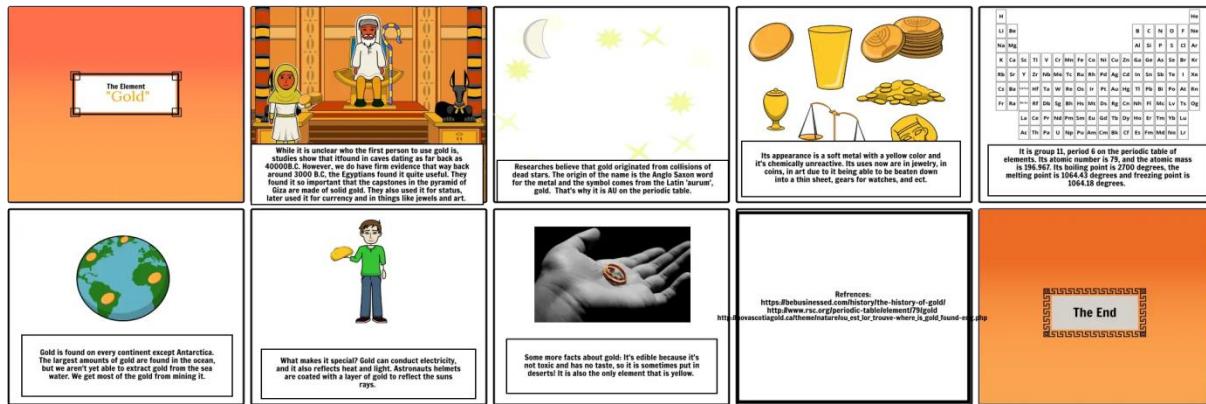
<i>Assessment tools</i>	<i>Marks</i>
Collection of data	2
Analysis	2
Drawing conclusion	2
Presentation	2
Submission on time	2

CHEMISTRY

Research Report Explain the story of origin of any 2 elements.

(Your research report should be handwritten as the direction given below)

Example - Create a storyboard on discovery of element - Gold



BIOLOGY

Marks-10

1. Make a model of the human respiratory system using the scrap and label the parts.

Link- <https://www.youtube.com/watch?v=yMDxm9JaR7s>



Rubrics

Creativity	2
Label the parts	2
Submission on time	1

2. The development in electronics has brought a lot of advancement in the medical field. Find out how this helped in treating heart - related problems. Make a report on it.

Rubrics

Findings -	2
Correlation with Physics	2
Submission on time	1



DARUL HUDA ISLAMIC SCHOOL, AL AIN

Holiday Assignment

Grade - VII

MATHEMATICS

Max. Marks:10



1. The second highest point measured above sea level is the summit of Kangchenjunga which is 8,586m above sea level and the lowest point is challenger deep at the bottom of Mariana Trench which is 10,911 m below the sea level. What is the vertical distance between these two points? Collect some more information about these two points and present them with images.

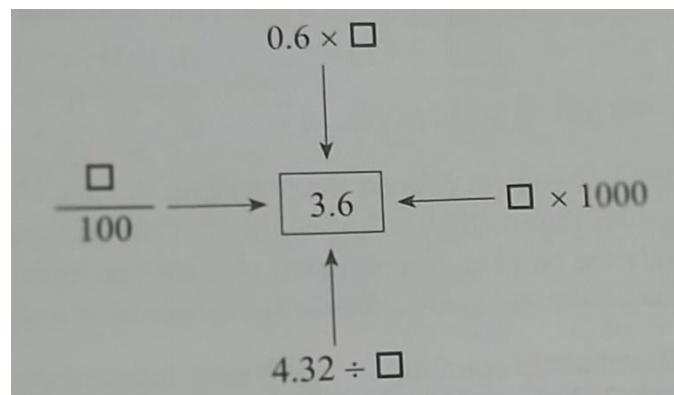
2. Which city Am I?

Priya spent a few days of her summer vacation exploring a famous Indian city. Unravel this city by simplifying the problems given below and by finding the alphabet representing the answers to these problems.

- | | | |
|------|-------|-------------------|
| i) | 2 of | ii) |
| iii) | of 40 | iv) Reciprocal of |
| v) | | |

A	B	C	D	E	F	G	H	I	J	K	L	M
$\frac{1}{8}$	$\frac{5}{11}$	$\frac{50}{2}$	$\frac{6}{7}$	$\frac{1}{2}$	$\frac{9}{10}$	$\frac{1}{5}$	$\frac{10}{9}$	$\frac{12}{5}$	$\frac{5}{2}$	$\frac{17}{5}$	$\frac{7}{3}$	$\frac{11}{2}$
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
$\frac{15}{6}$	$\frac{1}{3}$	$\frac{84}{85}$	1	$\frac{15}{2}$	$\frac{7}{8}$	$\frac{8}{7}$	$\frac{1}{4}$	$\frac{6}{13}$	$\frac{8}{5}$	2	$\frac{15}{3}$	$\frac{13}{2}$

3. Riddle! Fill the boxes such that the solution is always 3.6



Rubrics for Assessment:

Presentation & content : 3 marks

Accuracy & perfection : 3 marks

Creativity & Innovation : 4 marks



ACTIVITY 1- GAMING ZONE

Create an interesting portable game on any grammatical concept such as Conjunctions/Idioms/Phrases and Clauses.

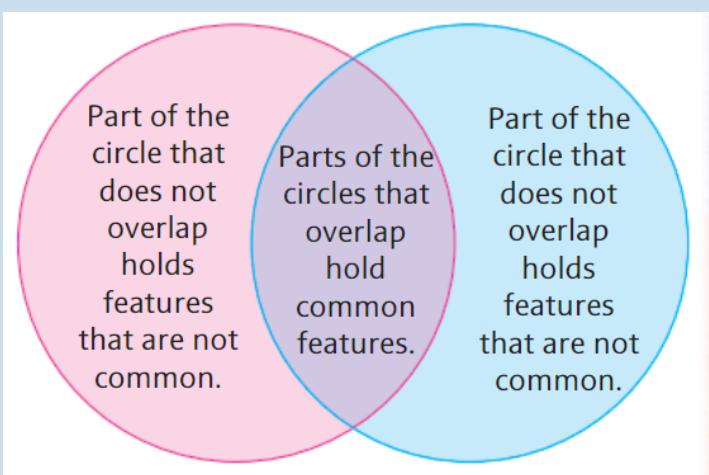
Use the following hints: You can create card games, board games, treasure hunt etc.

It can be made for an individual player or for multiple players.

<https://www.youtube.com/watch?v=mza4Sre9LHM>

ACTIVITY 2 -MAKING A VENN DIAGRAM

Find out how grasshoppers and crickets are similar, and what are some characteristics they possess that are unique. Stick pictures of grasshopper and cricket and showcase your findings in the form of a Venn diagram. Use the given diagram as a reference. (4.1.1.3)



SUCCESS CRITERIA

CREATIVITY	2
PROCESS OF ACTIVITY COMPLETION: INITIATIVE, PARTICIPATION, AND PUNCTUALITY.	2
PRESENTATION AND NEATNESS	1