



**NEW ALWUROOD INTERNATIONAL SCHOOL, JEDDAH K S A**  
**SUMMER VACATION ASSIGNMENT**  
**Class -X - July - August 2020**

SUBJECT	ASSIGNMENT PLANNED WITH SPECIFICATION	REMARKS
<b>ENGLISH</b>	The lesson 'Long Walk to Freedom' by Nelson Mandela portrays the hardships and sufferings of Black people in South Africa. Prepare and record a short speech about the campaign 'Black Lives Matter' in the wake of the horrific death of George Floyd.(Upload your speech in google classroom) <ul style="list-style-type: none"><li>• Submit any creative work eg; article, essay, poem, drawing, painting etc on topic of your choice, for the online magazine E-Petalia and Class magazine.</li></ul>	
<b>SOCIAL SCIENCE</b>	PROJECT WORK - on any one topic: <ol style="list-style-type: none"><li>1. Consumer Awareness</li><li>2. Social Issues</li><li>3. Sustainable Development</li></ol> <ul style="list-style-type: none"><li>•Solve worksheets.</li></ul>	MCQ worksheets and Project Guidelines are uploaded through g-mail(Google classroom)
<b>SCIENCE</b>	<ul style="list-style-type: none"><li>•Assignment-I-Solve MCQ worksheets on Physics- Chapter 10, 11, 14 Chemistry-Chapter 1,2 &amp; Biology –Chapter 6,7</li><li>•Assignment-II-Plan and prepare Science Expo Project</li></ul>	MCQ worksheets are uploaded through g-mail(Google classroom)
<b>MATH</b>	<ul style="list-style-type: none"><li>•Solve Chapter wise MCQ worksheets (Chapters-1,2,3,7,10,14)</li><li>• PROJECT WORK- Body Mass Index (BMI)</li></ul>	MCQ worksheets and Project Guidelines are uploaded through g-mail(Google classroom)
<b>HINDI</b>	वाद-विवाद सोशल मीडिया वरदान या अभिशाप, अनुच्छेद -वही मनुष्य है की जो मनुष्य के लिए मरे, मोबाइल फ़ोन	
<b>URDU</b>	<ul style="list-style-type: none"><li>•Write 5 essays on different topics, practice of all formal and informal letters.</li><li>• Solve worksheets</li></ul>	MCQ worksheets are uploaded through g-mail(Google classroom)

**Note: Kindly submit the vacation assignments on 1<sup>st</sup> September, 2020 without fail**

Principal

**ASSIGNMENT No. II.**  
**(Planning and preparation for Cluster Science expo during vacation)**  
**SCIENCE EXPO-2020**  
**(Classes IX-XII)**

**OBJECTIVE:**

*The objectives of organizing Science Project Competition is to emphasis on the development of science and technology as a major instrument for achieving goals of self-reliance and socio economic and socio ecological development.*

The main theme of Science Exhibition:

**“SCIENCE AND TECHNOLOGY FOR HEALTHY LIVING”**

**SUBTHEMES:**

- 1) *Health, Nutrition and Cleanliness.*
- 2) *Resource Management.*
- 3) *Industry (Desalination Plant, Petrochemical plant etc.)*
- 4) *Agriculture and Food Safety / security.*
- 5) *Disaster Management.*
- 6) *Eco- friendly tools and techniques( Eg. Waste Management Techniques, Pollution Control techniques)*
- 7) *Conservation of natural resources.*
- 8) *Computer Sciences and IT Industry.*
- 9) *Nanotechnology and its applications.*
- 10) *Socially useful electronic, electrical and mechanical devices.*
- 11) *Biotechnology & its applications.*

*Note: There are two categories*

*(i) Junior (IX & X)*

*(ii) Senior (XI & XII)*

**RULES:**

*The exhibit /model include:*

1. *Working/Attractive models to explain a concept ,principle or a process*
2. *An indigenous design of a machine /device*

3. An innovative /inexpensive design or technique
4. Application of basic principles of Science and Technology & Scheme /design of a device or machine to reduce production cost
5. Investigation based study.

**INSTRUCTIONS:**

- 1) Choose your partner each team can contain two members
- 2) Choose your own project(idea) which connects with the main theme and subtheme as well.
- 3) Prepare some essential questions which could brainstorm your idea.
- 4) Predict your experimental outcome
- 5) Formulate hypothesis based on the predictions
- 6) Select dependent and independent variable
- 7) Procure material required for your project
- 8) Plan of action to execute the idea for example circuit diagram / model experimental set up (graphical or digital set up), even you can prepare PPT to show how you are going to execute your idea.

**Note:** IF possible you can present your working model /still model also if it is ready.

9) After the reopening of school , after vacation, each team has to submit your ground work done which are listed in the instructions with the help of PPT( Even you can present your model) if it is ready)

10) And then you can start the execution/assembling of your model.

For queries and guidance you can contact your science teachers and regarding presentation you can contact English teachers.

Happy  
Holidays!