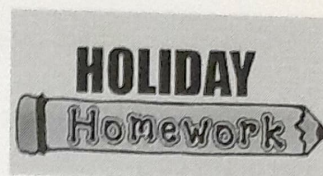




Dear Parents,  
Greetings from New Al Wurood!



GRADE 10 – HOLIDAY ASSIGNMENT

Subject	Assignment
SCIENCE	<p><b>PHYSICS:</b></p> <p><b>Expt 1:</b> Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object.</p> <p><b>Expt 2:</b> Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.</p> <p><b>Expt 3:</b> Tracing the path of the rays of light through a glass prism.</p> <p><b>Expt 4:</b> Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.</p> <p><b>Expt 5:</b> Determination of the equivalent resistance of two resistors when connected in series and parallel.</p> <p><b>CHEMISTRY:</b></p> <ol style="list-style-type: none"><li>(a) Find the pH samples by using pH paper/universal indicator (b) Studying the properties of acids and bases (HCl &amp; NaOH).</li><li>Performing and observing the reactions and classifying them into the type of reactions.</li><li>Observing the action of Zn, Fe, Cu and Al metals on the salt solutions</li></ol> <p><b>Biology:</b></p> <p><b>Assignment -1</b></p> <ul style="list-style-type: none"><li>➤ Completion of Practical record work</li></ul> <p>Experiment No:6 Preparing a temporary mount of a leaf peel to show stomata. Experiment No:7 Experimentally show that carbon dioxide is given out during respiration. Experiment No 12 Studying (a) Binary fission in Amoeba and (b) budding in yeast and hydra with the help of prepared slides.</p> <p><b>Assignment -2</b></p> <p>Planning and Preparation of Science Expo</p>
ENGLISH	Watch a documentary or movie on the life of 'Anne Frank' and prepare a report based on the question that how a single individual (Hitler) was able to mould the whole country as per his views.
SOCIAL SCIENCE	PROJECT WORK- Any one project on the following-. Topics: <ul style="list-style-type: none"><li>• Consumer Awareness</li><li>OR</li><li>• Social Issues</li></ul> <p><i>(details shared separately in class group)</i></p>

	<p>OR</p> <p>Sustainable Development</p> <p>The project report can be handwritten or digital</p>
MATH	<p>Math's lab activity-Kindly refer to the lab activities shared through mail. Project work: Body Mass Index.(BMI)</p> <p>Measure the heights (in centimeters) and weights (in kilograms) of all the students in your class. Then, calculate their BMI indexes and declare them fit or not fit using the formula [BMI = Weight/(Height)2]</p> <p>a. If your calculated BMI is below 18.5, then he/she is underweight</p> <p>b. If the BMI is in between 18.5 and 24.9, then he/she is healthy</p> <p>c. In case the BMI is in between 25 and 29.9, then he/she is overweight</p> <p>d. If the BMI is higher than 30, then he/she is obese.</p>
HINDI	<ul style="list-style-type: none"> <li>• मुंशी प्रेमचंद की कोई एक कहानी पढ़ कर उसका सार अपने शब्दों में लिखिए। कहानी कक्षा में पढ़ कर सुनानी जाएगी।</li> <li>• लालच बुरी बला है। इस विषय पर 100-120 शब्दों में लघुकथा लिखिए।</li> </ul> <p>मेट्रो ट्रेन में यात्रा के दौरान आप अपना एक बैग ट्रेन में भूल गए। बैग में आपकी किताबें और कुछ रुपए हैं। इस विषय में मेट्रो रेल प्रबंधक को एक पत्र लिखिए।</p>
URDU	<p>Complete the worksheet shared by the teacher.</p>

**Note:** Holiday homework has been designed with the following objectives in mind:

1. To keep the children connected with the syllabus.
2. To enhance children's creativity and engage them constructively during the holidays.
3. To bring out the innate potential in children.

*Parents are the facilitators of the child at home and are requested to assist your child to do their holiday assignment and submit it on time after vacation as it will be **graded**.*

PRINCIPAL

مدرسة الورود الجديدة العالمية بجدة  
 (قسم البنين) تحت إشراف وزارة التربية والتعليم  
 ترخيص رقم ٦١ س المنهج الهندي  
 NEW AL WUROOD INTERNATIONAL SCHOOL - JEDDAH  
 Affiliated to CBSE New Delhi - Affiliation No. 5730008

