

Mathematics

TOPIC	Required Tools	OBJECTIVES	Projected SCHEDULE	COURSE WORK
1. Statistics II (PROJECT)	- Graph Sheets/ Book Computer/ Cellular phone Internet Zoom app, WhatsApp, Google Classroom -Rulers	Students should be able to: ✓ <i>construct a simple frequency table</i> for a given set of data (revision) ✓ <i>determine measures of central tendency</i> from a table (revision) ✓ <i>draw a histogram and frequency polygon</i> of data from a simple frequency table. ✓ <i>construct a group frequency table</i> from a set of data ✓ <i>given class size, determine class interval, limit, mid-point and upper/lower boundaries</i> for a given set of grouped data ✓ <i>draw histogram and frequency polygon</i> given grouped data. ✓ <i>determine the modal class and median</i> from a set of grouped data ✓ <i>use the mid-point of the class interval to estimate the mean of the data in a group frequency table.</i>	Duration: 2 weeks <u>Approximate Test</u> <u>Date:</u>	Online Quiz Online Test

<p>2. Changing the Subject of a Formula/ Literal Equations <i>Oxford Bk. 3 (ch. 4)</i></p>	<p>Computer/ Cellular phone Internet Zoom app, WhatsApp, Google Classroom</p>	<p>Students should be able to:</p> <ul style="list-style-type: none"> ✓ <i>solve algebraic equations involving brackets and fractions</i> ✓ <i>use an equation to write one variable in terms of another (involving squares and square roots)</i> 	<p><u>Duration:</u> 2 weeks</p> <p><u>Approximate Test Date:</u></p>	<p>Online Quiz Online Test</p>
<p>3. Solving Simultaneous Equations</p>	<p>Calculators Computer/ Cellular phone Internet Zoom app, WhatsApp, Google Classroom</p>	<p>At the end of this topic students should be able to:</p> <ul style="list-style-type: none"> ✓ <i>Solve simultaneous linear equations graphically and algebraically (using Substitution method and Elimination method.)</i> ✓ <i>Understand and recognize simultaneous equations.</i> ✓ <i>Use simultaneous linear equations to solve worded Problems when required.</i> ✓ 	<p><u>Duration:</u> 2 weeks</p> <p><u>Approximate Test Date:</u></p>	<p>Homework Online Quiz and Test</p>