

Environmental science

7.1 - Population characteristics

7.2 - A Population growth curve

7.3 - Factors that limit population size

7.4 - Categories of limiting factors

7.5 - Carrying capacity

7.7 - Human population growth

7.11 - Hunger, food production and environmental degradation

9.1 - Major energy sources

9.2 - Resources and reserves

9.3 - Fossil fuel formation

9.4 - Issues related to the use of fossil fuels

Review all the work done in your copy book, work sheets, resource materials, PPT and video links uploaded on Schoology

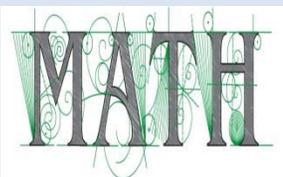
Arabic



Arabic A:

Arabic B:

Math



College Math

All related classwork, worksheets (given in class)

Quartiles, IQR, Outliers,

Scatter plots,

Correlations,

Line of best fit

Residual method for scatter plots,

Geometric and arithmetic sequences as functions,

Explicit and recursive formulae for geometric and arithmetic sequences,

Combining functions via operations,

Composition of functions,

Domain and range of combined/composed functions,

Inverses of functions.

Calculus

1. Evaluating limits analytically.

2. Solving free falling objects problem using limits.

3. Limits of piecewise functions word problems.

4. Basic derivatives (all the rules of derivatives, trigonometric identities, derivatives of trigonometric functions included)

5. Applying derivatives to solve word problems.

All the worksheets posted in Edmodo and class work done in copybook is included.

Islamic



Islamic A:

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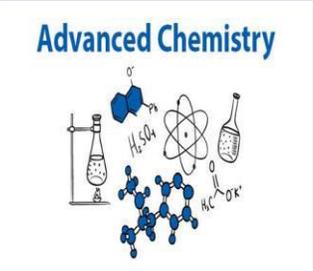
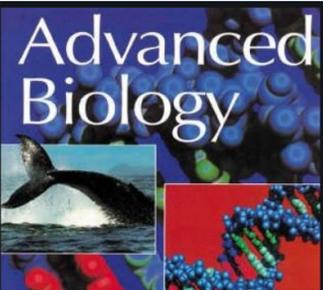
السنن الربانية

مقاصد التشريع

All the worksheets posted in Edmodo and class work done in copybook is included.

Islamic B:

The slander against A'sha(IFK)

	<p>Divine laws(SUNNAN RABBANIYAH)</p> <p>The five purposes of Islamic Shi'ah</p> <p>All the worksheets posted in Edmodo and class work done in copybook is included.</p>
<p>Adv. Chemistry “ Electives”</p> 	<p>Topic 1: Redox reactions [redox reactions with suitable examples, calculating oxidation numbers, writing half reactions, voltaic cell and its mechanism of working]</p> <p>Topic 2: Thermochemistry [exothermic and endothermic reactions with suitable examples, energy changes, phase changes, energy diagrams]</p> <p>Topic 3: Reaction rate [Reaction energy, Factors influencing the reaction rate]</p> <p>All the worksheets, hands on task sheets, gizmos simulation sheets and lab reports will be the part of assessment.</p> <p>Resource book: Chemistry by Holt McDougal</p>
<p>Adv. Biology</p> 	<p>DNA Replication [Detailed explanation of semi- conservative replication of with enzymes used and diagrams]</p> <p>Protein Synthesis – Differences and similarities between DNA and RNA, Types of RNA, Transcription and Translation [Detailed explanation with enzymes used and diagrams]</p> <p>Digestive system – Identify and label the structures of the digestive system; mechanical and chemical digestion; types of teeth, tooth structure and tooth decay; peristalsis [with diagrams]</p> <p>Review all the work done in your copy book, work sheets, resource material, PPT and video links uploaded on Schoology</p>