



In the Name of Allah, the Most Merciful, the Most Kind

Al-Aqsa School

Teacher	Ablah Salma
Year	11
Subject	Mathematics

Autumn Term 1 (29/08/17-13/10/17)				
Wk no.	Week	Topic	Resources	Assessments
1.	28/8/17	CIRCLES AND CONSTRUCTIONS <input type="checkbox"/> Circles 1 <input type="checkbox"/> Circles 2 <input type="checkbox"/> Circle theorems <input type="checkbox"/> Constructions and loci		
2.	4/9/17			
3.	11/9/17	RATIO AND PROPORTION <input type="checkbox"/> Proportion <input type="checkbox"/> Ratio and scales <input type="checkbox"/> Percentage change		
4.	18/9/17			
5.	25/9/17	FRACTIONS, POWERS AND ROOTS <input type="checkbox"/> Factors and multiples <input type="checkbox"/> Powers and roots <input type="checkbox"/> Surds		
6.	2/10/17			
7.	9/10/17	Revision		

Autumn Term 2 (23/10/17-21/12/17)				
Wk no.	Week	Topic	Resources	Assessments
1.	23/10/17	GRAPHS 1 <input type="checkbox"/> Equation of a straight line <input type="checkbox"/> Linear and quadratic functions <input type="checkbox"/> Properties of quadratic functions <input type="checkbox"/> Kinematic graphs		
2.	30/10/17			
3.	6/11/17	WORKING IN 3D <input type="checkbox"/> 3D shapes <input type="checkbox"/> Volume of a prism <input type="checkbox"/> Volume and surface area		
4.	13/11/17			
5.	20/11/17	HANDLING DATA 2 <input type="checkbox"/> Averages and spread 2 <input type="checkbox"/> Box plots and cumulative frequency graphs <input type="checkbox"/> Scatter graphs and correlation <input type="checkbox"/> Time series		
6.	27/11/17			
7.	4/12/17	CALCULATIONS 2 <input type="checkbox"/> Calculating with roots and indices <input type="checkbox"/> Exact calculations <input type="checkbox"/> Standard form		
8.	11/12/17			
9.	18/12/17	Revision		

Spring Term 1(9/01/18-9/02/18)				
Wk no.	Week	Topic	Resources	Assessments
1.	8/1/18	GRAPHS 2		

2.	15/1/18	<input type="checkbox"/> Cubic and reciprocal functions <input type="checkbox"/> Exponential and trigonometric functions <input type="checkbox"/> Real-life graphs <input type="checkbox"/> Gradients and areas under graphs <input type="checkbox"/> Equation of a circle		
3.	22/1/18	PYTHAGORAS, TRIGONOMETRY AND VECTORS		
4.	29/1/18	<input type="checkbox"/> Pythagoras' theorem <input type="checkbox"/> Trigonometry 1 <input type="checkbox"/> Trigonometry 2 <input type="checkbox"/> Pythagoras and trigonometry problems <input type="checkbox"/> Vectors		
5.	5/2/18	Revision		

Spring Term 2(19/02/18-23/03/18)

Wk no.	Week	Topic	Resources	Assessments
1.	19/2/18	THE PROBABILITY OF COMBINED EVENTS		
2.	26/2/18	<input type="checkbox"/> Sets <input type="checkbox"/> Possibility spaces <input type="checkbox"/> Tree diagrams <input type="checkbox"/> Conditional probability		
3.	5/3/18	SEQUENCES		
4.	12/3/18	<input type="checkbox"/> Linear sequences <input type="checkbox"/> Quadratic sequences <input type="checkbox"/> Special sequences		
5.	19/3/18	Revision		

Summer Term 1(10/04/18-7/06/18)

Wk no.	Week	Topic	Resources	Assessments
1.	9/4/18	UNITS AND PROPORTIONALITY		
2.	16/4/18	<input type="checkbox"/> Compound units <input type="checkbox"/> Converting between units <input type="checkbox"/> Direct and inverse proportion <input type="checkbox"/> Rates of change <input type="checkbox"/> Growth and decay		
3.	23/4/18	REVISION (4 wks) ★ PAPER 1: 24/5/18 ★ PAPER 2: 7/6/18 ★ PAPER 3: 12/6/18		
4.	30/4/18			
5.	7/5/18			
6.	14/5/18			
7.	21/5/18			
8.	28/5/18			
9.	4/6/18			

OH: OXFORD HIGHER GCSE AQA
BASED ON: 7-8 pages/week