

## Department Unit Plans/ Overview 2010-11



Department/ Subject: Mathematics

Schools/ Subject staff involved: Norton/Blake      Mr Pipe & Mrs Read

AS Level or Yr 1

**Name of course:** GCE Mathematics                      **Exam Board:** Edexcel                      **Syllabus Code:** 8371 (AS), 9371 (Full A Level)

### Modular Breakdown

Module Name / Code	Exam or CW?	Expected module start date	School taught	Staff delivering	Expected module end date (Assessment date)	Detailed description of topics covered : (if you are splitting a module between schools please detail which sections of the module will be taught and by who)
Core 1 / 6663	Exam	Sept 2010	Blake	Mrs Read	Jan 2011. Exam June 2011	Algebra & Functions; Coordinate Geometry in the (x,y) plane; Sequences & Series; Differentiation; Integration
Mechanics 1 / 6677	Exam	Sept 2010	Norton	Mr Pipe	Exam Jan 2011	Mathematical Models in Mechanics; Vectors in Mechanics; Kinematics of a particle moving in a straight line; Dynamics of a particle moving in a straight line or plane; Statics of a particle; Moments
Core 2 / 6664	Exam	Jan 2011	Norton / Blake	Mr Pipe & Mrs Read	Exam Jun 2011	Algebra & Functions; Coordinate Geometry in the (x,y,) plane; Sequences & Series; Trigonometry; Exponentials & Logarithms; Differentiation; Integration

(Please use additional sheet enclosed if you require extra columns)

### Assessment Information

Coursework Title/Topic:

Initial Student deadline:

Student Feedback date:

Final Student Deadline:

A2 Level or Yr 2

Name of course: GCE Mathematics			Exam Board: EdExcel			Syllabus Code: 9371 (Full A Level)	
Modular Breakdown							
Module Name / Code	Exam or CW?	Expected module start date	School taught	Staff delivering	Expected module end date (Assessment date)	Detailed description of topics covered : (if you are splitting a module between schools please detail which sections of the module will be taught and by who)	
Core 3 / 6665	Exam	Sept 2010	Norton	Mrs Brasher	June 2011	Algebra & functions; Trigonometry; Exponentials & Logarithms; Differentiation; Numerical Methods	
Mechanics 1 / 6683	Exam	Sept 2010	Blake	Mrs Rollins	Jan 2011	Mathematical Models in Mechanics; Vectors in Mechanics; Kinematics of a particle moving in a straight line; Dynamics of a particle moving in a straight line or plane; Statics of a particle; Moments	
Core 4 / 6666	Exam	Jan 2011	Norton & Blake	Mrs Brasher & Mrs Rollins	June 2011	Algebra & Functions; Coordinate Geometry in the (x,y,) plane; Sequences & Series; Differentiation; Integration; Vectors	

(Please use additional sheet enclosed if you require extra columns)

Assessment Information	
Coursework Title/Topic:	Initial Student deadline:
Student Feedback date:	Final Student Deadline:



# Department Intervention and Support 2010-11



Department/ Subject: Mathematics

Schools/ Subject staff involved: Norton / Blake - Mr Pipe, Mrs Brasher, Mrs Read, Mrs Rollins

## Departmental support for underachieving students

Additional sessions after school offered.  
Extra work to consolidate understanding of topics covered  
Access to staff at mutually convenient times to discuss problems

## Departmental extension ideas/activities for Gifted and Talented students

Further Mathematics modules, leading to AS or a full additional A level qualification