

Subject:

Computing



HECKMONDWIKE
GRAMMAR SCHOOL

KS5 - Year 13 Curriculum Overview

Topics being taught

What you will be assessed on

How you can support at home

Autumn Term

Object Oriented Programming
Computer Systems
Computer architecture
The NEA – Design and implementation

Term 1

Object Oriented programming
Internal computer architecture

Working through NEA

Revision of all topics from Year 12 and Year 13

Note checking and organisation

Researching computing impact on society

Term 2

Year 13 Mock exams – All topics up to now

CHRISTMAS HOLIDAYS - CHRISTMAS HOLIDAYS - CHRISTMAS HOLIDAYS - CHRISTMAS HOLIDAYS

Topics being taught

What you will be assessed on

How you can support at home

Spring Term

Vectors
The NEA – Testing and completion
Networking

Term 3

Networking and communication

Working with the preliminary material

NEA development and testing

Revision of all topics

Note checking and organisation

Term 4

Year 13 Mocks – Programming and algorithms

EASTER HOLIDAYS - EASTER HOLIDAYS - EASTER HOLIDAYS - EASTER HOLIDAYS - EASTER HOLIDAYS

Topics being taught

What you will be assessed on

How you can support at home

Summer Term

Big Data
Functional programming
Revision – Exam practice and techniques

Term 5

The NEA – Final submission

Final checking of NEA – Proof reading

Revision of topics through notes

Exam question practice

Checking understanding of specification

Term 6

Final exams