Mixed Topics Progress Test 6 - October

GCSE Paper 1 Mock Exam - January

GCSE Paper 2 Preparation and Tests - April

Computer Science Curriculum Road Map 2019-2020

Internal Components

Network Security

The Bigger Picture

Data Storage and Compression

Internet and WWW

Y11

Python Programming Activities – Skills focussed on are: Lists, Procedures, Functions, Validation

Programming Skills Assessment – small continuous regular activities testing the skills shown above as well as year 10 skills

Networks Progress Test 4 - April

Hardware and Software Progress Test 3 - February

Algorithms Progress Test 2 - December

Binary Hex Decimal Progress Test 1 - October

Data Representation – Text, Graphics, Sound

Card and Letter Assessment 6 - July

Logic

Hardware and Software

Networks

Search and Sort Algorithms

Binary /Hex / Decimal

Data

Data

ll

Y10

Python Programming Activities – Skills focussed on are: Variables, Inputs, Data Types, IF, WHILE

Business Card

Business Letter

Programming Skills Assessment – small continuous regular activities testing the skills shown above.

Data Representation Progress Test 5 - June

Skills – Algorithms, Data types

Skills – House style, design, audience

Skills – Syntax, debugging, Lists

Skills – Loops, Variables

Scratch Shark Game Creation

Business Presentation

Python Programming 3

Introduction to Computer Science

Business Flyer

Skills – Debugging, Event driven programming

Skills – Hyperlinks, Page design

Skills – Formulas, Sorts, Charts

Skills – FOR loops, Lists

Flyer Assessment 4 - April

Scratch Programming Assessment 1 - October

Programming Activity Assessment 2 - December

Mixed Topic Assessment 3 - February

Presentation Assessment 5 - May

Skills – Programming variables

Skills – Debugging

E-mail Skills

PowerPoint

Skills – Data types,

Skills -IF and WHILE loops and conditions

Skills - File Handling, Audience

Y7

Python Programming Assessment 5 - May

Presentation Assessment 1 - October

Scratch Programming Assessment 3 - February

Comic Life Creation Assessment 2 - December

Microbit Programming Assessment 4 - April

Programming Activity Assessment 4 - April

Menu Creation Assessment 5 - May

Spreadsheets Assessment 3 - February

Scratch Programming Activities Assessment 2 - December

Website Creation and HTML Assessment 1 - October

Control Systems using Flowol

Flowchart and Control Assessment 6 - July

Python Programming 2

Python Programming 1

Pivot Animation

Scratch Racing Game

Scratch Programming a Pac Man Game

Draw Plus Animation

Y8

Website Creation

Spreadsheets

Introduction to Binary and Hex

Comic Life Computer Science Personalities

Microbit Programming

Lego Stop Motion

Small Business Menu Project

Y9