Harrow Way
Community School
Learning for life, success for all

Curriculum Overview
ICT & COMPUTING

Computer Science and ICT Curriculum Sequence Overview

KS3	AUTUMN TERM		SPRING TERM		SUMMER TERM	
YEAR 7	GETTING SETUP & BASELINE ASSESSMENT THINK SAFE!	THINK SAFE! THINK LIKE AN IT TECHNICIAN	THINK LIKE AN IT TECHNICIAN THINK LIKE A DATA MANAGER	THINK LIKE A DATA MANAGER THINK LIKE A PROGRAMMER	THINK LIKE A PROGRAMMER THINK LIKE A PROGRAMMER	SUMMER PROJECT
YEAR 8	BASELINE ASSESSMENT THINK LIKE AN IT TECHNICIAN	THINK LIKE AN IT TECHNICIAN THINK LIKE A PROGRAMMER	THINK LIKE A PROGRAMMER THINK SAFE!	THINK SAFE! THINK LIKE A DATA ANALYST	THINK LIKE A DATA ANALYST SUMMER PROJECT	SUMMER PROJECT
YEAR 9	WEEK A- PROGRAMMING BASICS WEEK B- COMPUTER SYSTEMS	WEEK A- PROGRAMMING BASICS WEEK B- COMPUTER SYSTEMS	WEEK A- PROGRAMMING- TURTLE WEEK B- NETWORKS	WEEK A- PROGRAMMING- TURTLE WEEK B- NETWORKS	WEEK A- PROGRAMMING & FLOWCHARTS WEEK B- DATA	WEEK A- PROGRAMMING PROJECT WEEK B- ISSUES IN IT
HOW CAN PARENTS HELP?						

OCR GCSE COMPUTER SCIENCE (J277)

KS4	AUTUMN TERM	SPRING TERM	SUMMER TERM
YEAR 10	**TERM 1** INTRODUCTION TO THE COURSE 1.1 SYSTEMS ARCHITECTURE 1.2 MEMORY AND STORAGE – PART 1 5 DEDICATED PROGRAMMING LESSONS **TERM 2** 1.2 MEMORY AND STORAGE (PART 1) 1.2 MEMORY AND STORAGE (PART 2) 6 DEDICATED PROGRAMMING LESSONS	**TERM 3** 1.3 COMPUTER NETWORKS, CONNECTIONS AND PROTOCOLS 3 DEDICATED PROGRAMMING LESSONS **TERM 4** 1.3 COMPUTER NETWORKS, CONNECTIONS AND PROTOCOLS 1.4 NETWORK SECURITY 3 DEDICATED PROGRAMMING LESSONS	**TERM 5** 1.4 COMPUTER NETWORKS, CONNECTIONS AND PROTOCOLS 1.5 SYSTEM SOFTWARE 5 DEDICATED PROGRAMMING LESSONS **TERM 6** 1.6 ETHICAL, LEGAL, CULTURAL AND ENVIRONMENTAL CONCERNS 8 LESSON TEXT-BASED ADVENTURE GAME (PROGRAMMING)
YEAR 11	**TERM 1** 2.2- PROGRAMMING FUNDAMENTALS 2.1 ALGORITHMS 3 PAPER 2 EXAM REVISION LESSONS **TERM 2** 2.1 ALGORITHMS 7 PAPER 2 EXAM REVISION LESSONS	**TERM 3** 2.3 PRODUCING ROBUST PROGRAMS 7 PAPER 2 EXAM REVISION LESSONS **TERM 4** 2.4 BOOLEAN LOGIC 2.5 PROGRAMMING LANGUAGES AND IDES 4 PAPER 2 EXAM REVISION LESSONS	**TERM 5** REVISION
HOW CAN PARENTS HELP?	PURCHASE REVISION GUIDES		