Computer Science

The transfer ICT skills into college, employment and life skills

Intent: At Chelveston Road, Computing helps students acquire the necessary life skills they will need for when they move on into employment, college and daily life. We recognise that technology is everywhere and will play a pivotal part in students' lives. Therefore, we want to model and educate our students on how to use technology positively, responsibly and safely. Our curriculum encompasses computer science, information technology and

Implementation: We have created units of work that will embed and cover every element of the computing curriculum. The knowledge/skills 'I Can' statements build year on year to deepen and challenge our learners. As well as students accessing one lesson of computing each week, computing is also embedded across the curriculum.

Impact: Our students enjoy and value the curriculum we deliver. We will constantly ask the WHY behind their learning and not just the HOW. We want students to discuss, reflect and appreciate the impact computing has on their learning, development and well being. CRS use CREATE trackers and Go4schools for assessment. The system enables us to identify gaps in teaching and learning, determine where intervention is needed and measure progress within and across the school. Our Go4schools data shows us that all students are on track to meet their teacher target. The targets are informed and challenging. Students develop life-long skills to support them in

Use and apply Conditional all skills formatting

contexts beyond the classroom.

Uses in the media

Using digital software tools Preparing for employment

Databases

Digital Photography

Personal Documents

Uses in employment

Creating images for media use

Curriculum Vitae

Personal **Details**

Variety of

Uses in

Uses in employment

Planning a PE Parkour course

Researching **Parkour**

formulae

employment

Objects Based Graphics

Year 11

Year

10

wrapping

Year

Year

8

Interrogate data

Using specific functions

Spreadsheets

Y10 and Y11 AQA **Accredited Courses**

Planning a room layout Using specific tools

Variety of

functions

Interrogate

data

ocial Media

Personal safety

Referencing sites

High quality presentation

Spreadsheets

Internet Safety

Understanding Research cookies

Presentation Skimming and scanning for relevance

Research and 🕢

Different Averaging graphs

Research and enter data

Take photos

Save and insert photos

Design a maze

Add sensors and conditional codes

Databases

Sort and Conditional filter **Formatting**

Use a variety Insert

Create Andy Warhol style art of tools

Program

Add variables

Enter

data

Sort and filter

Insert graphs

graphs

Change codes and view effects

Digital Photography

Problem solving

Tables and

SmartArt

Coding

Paragraph

tools

Databases

Programming - Lego

Team work

Scratch

thesaurus

Use of the

Spell check Format and

Present using choice of

Word Processing

Decide on fields

design

Create own

Use and apply skills

Change backdrops

Introduction to

SRY Evaluate

software

Digital Photography

Transfer photos

Scratch/Purple Mash Conditional statements

Coding

TO BULLYING

Research

Cyberbullying

Write

calculations

Take photos

editing skills

Greater range of

Variables

Create graphs

Introduction to photo software

Understand

impact

Coding

Create apps

Use

variables

Spreadsheets

Introduction to

formulae

Create

Take photos

Create cartoon strip

Using

Digital Photography

Create graphs Introduction to sort and filter

Create regular shapes

patterns

Attachments

Sending

emails

Databases

Programming - Logo

Internet Safety

Create own using a Research

More commands

Recipe for eSafe School Dangers of the internet

Introduction

Conditional to Variables Codes

template

Collect and input data

Pictograms

Format

Basic commands Basic shapes

Format

the pen

Safety Rules

Hove

place

allabout

0

Coding-

Databases Cherry 4444

and evaluation

Programming - Logo

Emails and www

emails

Compose

Different start codes Add transitions

images

and animations

Complete a template Presentation

tables

Mash Microsoft* Office

Word PowerPoint Publisher

CRS System - Baseline

Reply All

Reply and

PowerPoint - All About Me

umber of dice: 1 die 2 dice dice 4 dice 5 dice 6 dice · . · Roll 1 + 3 = 4

Purple

Simulations

2Paint a **Picture**

Maths and 👗 English software

Online

searches

Beginning our

Computing Journey

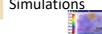
Year

Add Word

Add

slides

Processing Skills



Every Child, Every Chance, Every Day