

# KS3 Computing

Cybersecurity –  
How do we  
keep data safe?

Creating custom  
animations using  
Blender and an  
introduction to cyber  
security

The world  
of  
animation



9

Representations  
– from clay to  
silicon

Conversion between  
decimal and binary,  
and introduction to  
Python programming

Writing and  
executing  
programs in  
Python



Summer Term

HTML Tags  
and Web  
Pages

Development for the  
Web –  
AI, revisiting Scratch,  
searching the web &  
growth of the internet

Computing  
systems

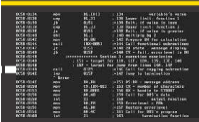


8

Code,  
subroutines,  
loops & lists

Creating a translation  
quiz project, path  
operations and  
investigating aspects  
of technical graphics

Design vector  
graphics



Spring Term

Programing  
essentials

Functions of  
spreadsheets,  
conditional formatting  
and basic formulae

Introduction to  
spreadsheets

	A	B	C	D
Re	Income	Expenses	Profit	
2005-12-17	255 €	125 €	107 €	
2005-12-18	311 €	124 €	187 €	
2005-12-19	457 €	405 €	-5 €	
2005-12-20	292 €	192 €	100 €	
2005-12-21	122 €	134 €	-12 €	
2005-12-22	125 €	223 €	-95 €	
2005-12-23	422 €	215 €	214 €	
2005-12-24	256 €	121 €	135 €	
	2,173 €	1,546 €	627 €	
12	Avg. Profit	=AVERAGE(D2:D9)		

7

Impact of  
technology

Gaining support for a  
cause – Using  
presentation tools, use  
of images, licensing &  
copyright

Project work –  
Blog writing  
and promoting  
a cause



Autumn Term

“Computers themselves, and software yet to be developed, will revolutionize the way we learn.”  
Steve Jobs