



We use the Purple Mash [2BeSafe planning](#) to cover e-safety. These lessons are interwoven throughout the year.

	HALF TERM 1	HALF TERM 1	HALF TERM 1	HALF TERM 1	HALF TERM 1	HALF TERM 1
EYFS	See separate EYFS document					
YEAR 1	1.1 Technology Around Us	1.3 Moving a robot	1.4 Grouping data	1.2 Digital Painting	1.5 Digital writing	1.6 Programming animations
YEAR 2	2.1 Technology Around Us	2.2 Digital photography	2.3 Robot algorithms	2.4 Pictograms	2.5 Digital music	2.6 Programming quizzes
YEAR 3	3.1 Systems and networks	4.3 Programing A	3.2 Creating Media	3.4 Data and information	3.6 Programing B	3.5 Creating Media
YEAR 4	4.1 Intro to Cloud Computing and AI	4.3 Programming A	4.6 Programming B	4.4 Data and Information	4.2 Creating Media	4.5 Creating Media
YEAR 5	5.2 Creating Media	5.4 Data and Information Flat file databases	5.1 Systems and Networks	5.3 Programming A Selection in physical computing	5.5 Creating Media Introduction to vector graphics	5.6 Programming B Selection in quizzes
YEAR 6	6.3 Variables in Games	6.5 3D Modelling	6.2 Webpage Creation	6.1 Communication & Collaboration	6.6 Sensing Movement	6.4 Intro to Spreadsheets



EDWARD FRANCIS COMPUTING PLAN



From Y1-6, we also teach 2 short units of physical coding per year using Lego AI hardware, software and [planning](#):

YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Basics	Events	Loops	Basics	Loops	Variables
Hardware	Sequences	AI and Data	Events	Conditionals	AI and Data