Corby Business Academy

Computer Science – KS3 road story

Term	1	2	3	4	5	6
Topic theme	**Data representation**	**Algorithms and programming**	**Development**	**Hardware and Software**	**Data**	**Ethical and legal issues**
Big question	*How do we communicate with computers?*	*How do you program a computer?*	*How do you make things with a computer?*	*How do computers work and how do you use them effectively?*	*How is data stored on computers?*	*What issues have computers created?*
Year 7	Binary and character sets	Programming with scratch	Physical computing	Networks	Spreadsheet modelling	Impact of technology – collaborating online respectfully
Year 8	Hexadecimal and images	Introduction to python programming	Developing for the web	Computer systems	Programming with data	Ethical issues created by computers
Year 9	Representations – going audio visual	Drawing with python	Mobile app development	Using software to complete everyday tasks	Data Science	Cybersecurity