

# Computing at Ryders Hayes 2018-2019

E-safety to be taught throughout

Year Group	Autumn	Spring	Summer
Year 1	How do I speak to a computer? Computer Science	How do I create my own app? Information Technology	How do I use technology to share information about Pelsall? Digital Literacy Link with Geography topic. What amazing places are in Pelsall?
Year 2	How do I use the computer to create a flying game? (Discovery coding) Computer Science	How do I make characters interact in a game? Computer Science	How do I create a PowerPoint for my Chasewater presentation with a link? Information Technology Digital Literacy Link with Trip.
Year 3	How do I write and debug a program that accomplishes a specific goal? Computer Science	How do I create my own blog? Information Technology	How do I change the output for my animation? Information Technology Digital Literacy Link with Geography and Art. Where in the world am I?
Year 4	How do I create a virtual shop? Computer Science	How can I use excel to present information from a data logger? Information Technology Digital Literacy Link with STEM for data logger	How do I understand, create and evaluate animation? Computer Science Information Technology Digital Literacy
Year 5	How can I write and debug programs that accomplish specific goals including controlling or simulating physical systems? Information Technology	How do I build a moveable Lego robot? Information Technology Computer Science	How do I create my own code for an Egyptian sprite? Digital Literacy Computer Science Link with History What have we gained from the Ancient Greeks?
Year 6	What is the Internet? Information Technology Digital Literacy	How do I digitally control the lights on a lighthouse? Computer Science	How do I use iMovie? Digital Literacy Link with Edgmond Hall trip