

National Curriculum Coverage		Design, write and debug programs	Solve problems by decomposing into smaller parts	Use sequence, selection and repetition in programs; working with variables and variable forms of input and output	Use logical reasoning to explain how some simple algorithms work to detect and correct errors in algorithms and programs	Understand computer networks including the internet and how they can provide multiple services (emails and internet) DL	Use search technology effectively, appreciate how results are selected and ranked IT	Select , use and combine a variety of software including internet services on a range of digital devices to design and create a range of programs, systems and content that collects, analyses and evaluates data and information IT	Use technology safely, respectfully and safely DL	
Topic Theme / Year Group / Term		ALL YR GROUPS - CODE.ORG – AUTUMN Y3 – ROBO LOGIC – SPRING Y4 – TYNKER – SPRING Y5 – CARGOBOT – SPRING Y6 –CATSO’S HIKE- SUMMER	ALL YR GROUPS - CODE.ORG – AUTUMN Y3 – ROBO LOGIC – SPRING Y4 – TYNKER – SPRING Y5 – CARGOBOT – SPRING Y6 – CATSO’S HIKE - SUMMER	ALL YR GROUPS - CODE.ORG – AUTUMN Y3 – ROBO LOGIC – SPRING Y4 – TYNKER – SPRING Y5 – CARGOBOT – SPRING Y6 – CATSO’S HIKE- SUMMER	ALL YR GROUPS - CODE.ORG – AUTUMN Y3 – ROBO LOGIC – SPRING Y4 – TYNKER – SPRING Y5 – CARGOBOT - SPRING Y6 – CATSO’S HIKE- SUMMER	Y5/ Y6 – UNDERSTANDING OUR SCHOOL NETWORK – GEM EDUCATION/ SUMMER TERM ALL YR GROUPS - QR CODES – SPRING ALL YEAR GROUPS – DIGITAL MAPS – GEOGRAPHY	Y6 – THE GREAT PLAGUE - SPRING Y4 – THE VIKINGS - AUTUMN	ALL YEAR GROUPS - BOOK CREATOR – MINIMUM OF 2 PER YEAR	E-SAFETY WEEK All year groups - BLOGS – SUMMER TERM	
National Curriculum										
Year Group / Term										

Walbottle Village Primary School Schemes of Work Overview Years 3 to 6 (Key Stage 2) Computing

