



Computing Long-Term Plan

St James Church of England Primary School

	Autumn 1	Autumn 2	Spring Term	Summer Term
Curriculum Strands	Computer Systems and Networks.	Creating Media.	Data and Information.	Programming.
<u>Reception</u>	Computer Systems and Networks: Technology Within Continuous Provision	Creating Media: Learning Enquiry titled "Digital Painting."	Data and Information: Data within Continuous Provision	Programming: Learning Enquiry titled "Moving a Robot."
EYFS Reading Spines:	Reading spine- <u>Unplugged</u> 	Reading spine- <u>The Dot</u> 	Reading spine- <u>3 Little Firefighters</u> 	Reading spine- <u>No-Bot the Robot with no bottom</u> 
<u>Year 1</u>	Computing Systems and Networks: Technology Around Us	Creating Media: Digital Writing.	Data and Information: Grouping Data.	Programming: An Introduction to Programming.
<u>Year 2</u>	Computing Systems and Networks: IT Around Us (Outside of School).	Creating Media: Digital Photography.	Data and Information: Pictograms.	Programming: An Introduction to Quizzes.
KS1 Reading Spines:	Reading spine- <u>Unplugged/ Using Digital technology</u>  	Reading spine- <u>Click, Clack Moo... / #Goldilocks A Cautionary Tale</u>  	Reading spine- <u>Sort it out</u> 	Reading spine- <u>How to code a Sandcastle/ Hello Ruby</u>  
<u>Year 3</u>	Computing Systems and Networks: Connecting Computers.	Creating Media: Desktop Publishing	Data and Information: Branching Databases.	Programming: Sequence in Music.
<u>Year 4</u>	Computing Systems and Networks: The Internet.	Creating Media: Audio Editing.	Data and Information: Data Loggers.	Programming: Repetition in Shapes.
<u>Year 5</u>	Computing Systems and Networks: Sharing Information.	Creating Media: Video Editing.	Data and Information: Flatfile Databases.	Programming: Selection in Quizzes.
<u>Year 6</u>	Computing Systems and Networks: Communication.	Creating Media: Web Page Creation.	Data and Information: Spreadsheets.	Programming: Variables in Games.
KS2 Reading Spines	Reading spine- <u>From Cuneiform to Computers</u> 	Reading spine- <u>Computer Science for Curious Kids</u> 	Reading spine- <u>What is a Database?</u> 	Reading spine- <u>Coding for beginners using scratch</u> 