The Acorns School

	Autumn Term	Spring Term	Summer Term
Text and Assessment	*Database unit*	Unit 1	Website unit Exam Unit
Key Knowledge	• Identify the components of a database design. • Describe the field characteristics for the data required. • Create and modify database tables using a range of field types. • Describe ways to maintain data integrity. • Respond appropriately to problems with database tables. • Use database tools and techniques to ensure data integrity is maintained. • Create forms to enter, edit and organise data in a database. • Select and use appropriate tools and techniques to format data entry forms. • Check data entry meets needs, using IT tools and making corrections as necessary. • Respond appropriately to data entry errors. • Create and run database queries using multiple criteria to display or amend selected data. • Plan and produce database reports from a single table non-relational database. • Select and use appropriate tools and techniques to format database reports. • Check reports meet needs, using IT tools and making corrections as necessary.	• Describe the purpose for using IT. • Describe the methods skills and resources required to complete tasks successfully. • Plan how to carry out tasks using IT to achieve the required purpose and outcome. • Describe factors that might affect the task. • Select and use IT systems and software applications to complete planned tasks and produce effective results. • Describe how the purpose and outcomes have been met by the chosen IT systems and software applications. • Describe any legal or local guidelines or constraints that apply to the task or activity. • Review the on-going use of IT tools and techniques and change the approach as needed. • Describe whether the IT tools selected were appropriate for the task and purpose. • Assess the strengths and weaknesses in my final work. • Describe ways to make further improvements to my work. • Review outcomes to make sure they match requirements and are fit for	• Describe what web site content and layout will be needed for each page. • Plan and create web page templates to layout. • Select and use web site features and structures to help the user navigate round web pages with the site. • Create select and use styles to keep the appearance of web pages consistent and make them easy to understand. • Describe how copyright and other constraints may affect the web site. • Describe access issues that might need to be considered. • Describe what filetypes to use for saving content. • Store and retrieve files effectively, in line with local guidelines and conventions where available. • Prepare content for my web pages so that it is ready for editing and formatting. • Organise and combine information needed for web pages including across different platforms. • Select and use appropriate editing and formatting techniques to aid both clarity and navigation. • Select and use appropriate development techniques to link information across pages.

		- purpose. - Review the benefits and drawbacks of IT tools and systems used in terms of productivity and efficiency. - Describe ways to improve productivity and efficiency. - Develop solutions to improve my own productivity in using IT. - Test solutions to check that they work as intended.	- Change the file formats of documents appropriately for content. - Check that my web pages meet needs using IT tools and making corrections as necessary. - Select and use appropriate testing methods to check that all the elements in my web site work as planned. - Identify any quality problems with web sites and how to respond to them. - Select and use an appropriate programme to upload and publish the web site. - Respond appropriately to problems with multiple page web sites.
Vocabulary	Field, table, form, report, query, sort, search, data integrity, data-type, field size, validation rule, validation text	Copyright law, evaluation, self-assessment, local guidelines	Web browser software, hyperlinks, test table, design template, format, constraints, navigation, fitness for purpose, suitable for target audience, file types