



Year Five Six

Autumn

Crucial Knowledge – E-safety	Expanded Knowledge	Intent/Prove
<ul style="list-style-type: none"> • Use technology safely, respectfully and responsibly • Recognise acceptable/unacceptable behaviour • Know how to use a range of ways to report concerns about content and contact. • Know that what I do online has an impact on my digital footprint • Know the legal consequences to my actions online 	<ul style="list-style-type: none"> • To be aware of the age restrictions when using certain apps <p>Understanding why applications have age restrictions.</p>	

Summer

Crucial Knowledge – computer systems and networks, sharing info	Expanded Knowledge	Intent/Prove
<ul style="list-style-type: none"> • Systems are built using a number of parts • Computer system features inputs, processes, and outputs • Computer systems communicate with other devices • Networked digital devices have unique addresses (IP) • Connected digital devices can allow us to access shared files stored online • Information can be sent over the internet in different ways 	<ul style="list-style-type: none"> • I can identify tasks that are managed by computer systems • I can identify the human elements of a computer system • I can explain the benefits of a given computer system • Data is transferred over networks in packets • Data is transferred using agreed methods • 	<p>Working collaboratively in groups on projects.</p> <p>Showing knowledge on refining search results through group research.</p>

Crucial Knowledge – computing systems – communication	Expanded Knowledge	Intent/Prove
<ul style="list-style-type: none"> • Web searches find specific information • Searches can be refined to show specific results • Compare results from different search engines • We need tools to find things online • Search results are ordered • Search engines have a set of checks to decide on the order of results • Search results can be influenced • Search engines have limitations • There are a variety of ways of communicating over the internet 	<ul style="list-style-type: none"> • I can recognise the role of web crawlers in creating an index • Search terms can be related to the search engine's index • Search engines can make money • I can choose methods of communication to suit particular purposes 	



Bursley Academy Curriculum document

