



The Priory Witham Academy: Curriculum Overview

Believe together, achieve together

SUBJECT	ICT/Computing	CURRICULUM LEADER	Mr Eyre	YEAR	Year 7
ORGANISATION OF THE SUBJECT	In Year 7 students have 2 hours of ICT/Computing a week. This occurs for 2 modules a year as ICT/Computing is part of the Technology rotation.				
Key Concepts (The big ideas underpinning this subject)			Key Skills in this subject		
<p>The KS3 curriculum aims to incorporate the application of ICT/Computing to everyday personal and business problems, including:</p> <ul style="list-style-type: none"> ▪ Safe, effective personal use of ICT ▪ Secure use of social networking, ▪ Sharing of good quality, authored content ▪ Gaming ▪ Programming ▪ Digital media ▪ Impact of ICT on society ▪ Effective use of core applications 			<p>The range of projects aim to develop the students' skills in;</p> <ul style="list-style-type: none"> • Programming • Digital literacy • Multimedia & graphics • Planning • Organisation • Problem solving • Design • Evaluating • Numeracy • Literacy 		
What will be learnt in this subject?			How will learning take place in this subject?		
<p>Settling In</p> <ul style="list-style-type: none"> • Introduction to Academy computers • Introduction to the printing facilities • Introduction to the email system (Outlook) • Introduction to the Academy SharePoint • Folder organisation <p>E-Safety</p> <ul style="list-style-type: none"> • Password protection 			<ul style="list-style-type: none"> • E-Safety comic strip • Gangsta Zoo • 'Pacman' style game 		

<ul style="list-style-type: none"> • Online security • Digital footprint • Cyberbullying • Social media <p>Microsoft Excel (Spreadsheets)</p> <ul style="list-style-type: none"> • Formatting • Cell referencing • Formulas/functions • Conditional formatting • Graphs/charts <p>Scratch (Programming)</p> <ul style="list-style-type: none"> • Games research • Game design • Sequencing • Variables • Game review 	
<p>What methods of assessment will be used?</p>	<p>How can you support learning and progress in this subject?</p>
<ul style="list-style-type: none"> • Verbal assessment in lessons • Peer and self-assessment • Written (computer based) assessment pieces • Visual assessment of application competence 	<ul style="list-style-type: none"> • Engage in conversation about topics undertook • Encourage your child to follow the news, especially items related to the business and technology • Encourage use of ICT/Computing applications where required • Engage in E-Safety discussions with your child
<p>Equipment needed for this subject.</p>	<p>Learning outside the classroom: enrichment opportunities in this subject.</p>
<ul style="list-style-type: none"> • Basic Academy stationary • ICT facilities (provided) 	<ul style="list-style-type: none"> • Safer Internet Day • Computing club (specific modules) • ICT facilities to enhance homework.