

**YEALAND CHURCH OF ENGLAND SCHOOL: ROBIN CURRICULUM CYCLE C
COMPUTING/ INFORMATION TECHNOLOGY- CONTENT AND SKILLS COVERAGE**

AUTUMN 1	AUTUMN 2
<p style="text-align: center;">I'm Amazing</p> <p>National Curriculum Content: Online Safety/ Exploring Purple Mash</p> <ul style="list-style-type: none"> • use technology safely and respectfully, keeping personal information private • identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies <p>Maze Explorers</p> <ul style="list-style-type: none"> • understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions • create and debug simple programs • use logical reasoning to predict the behaviour of simple programs • use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies <p>Dimensions Skills: C1, C2, C3, Ict1, Ict6, Ict10, Ict11, Ict13, Ict14</p>	<p style="text-align: center;">Jails and Scales</p> <p>National Curriculum Content: Questioning Design</p> <ul style="list-style-type: none"> • use technology purposefully to create, organise, store, manipulate and retrieve digital content <p>Dimensions Skills: Ict2, Ict3, Ict6, Ict4, Ict6, Ict7</p>
<p>Connections:</p>	<p>Connections:</p>

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SPRING 1	SPRING 2
<p style="text-align: center;">Faraway Tree</p> <p>National Curriculum Content: Online Safety/ Animated Story Book</p> <ul style="list-style-type: none"> • use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies • use technology purposefully to create, organise, store, manipulate and retrieve digital content <p>Dimensions Skills: Ict 2, Ict7, Ict8, Ict9, Ict11, Ict12</p>	<p style="text-align: center;">Rule Britannia! (United Kingdom)</p> <p>National Curriculum Content: Making Music/ Spreadsheets</p> <ul style="list-style-type: none"> • use technology purposefully to create, organise, store, manipulate and retrieve digital content <p>Dimensions Skills: Ict2, Ict3, Ict4, Ict6, Ict7, Ict8</p>
<p>Connections:</p>	<p>Connections:</p>
SUMMER 1	SUMMER 2
<p style="text-align: center;">Rule Britannia! (Commonwealth Country Focus)</p> <p>National Curriculum Content: Pictograms</p> <ul style="list-style-type: none"> • use technology purposefully to create, organise, store, manipulate and retrieve digital content <p>Dimensions Skills: Ict2, Ict3, Ict4, Ict7, Ict8, Ict9</p>	<p style="text-align: center;">Beside the Seaside</p> <p>National Curriculum Content: Presenting Ideas</p> <ul style="list-style-type: none"> • use technology purposefully to create, organise, store, manipulate and retrieve digital content <p>Dimensions Skills: Ict2, Ict3, Ict4, Ict7, Ict8, Ict9, Ict12</p>
<p>Connections:</p>	<p>Connections:</p>

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KS1 National Curriculum Computing and Information Technology Content

Pupils should be taught about:

- understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- create and debug simple programs
- use logical reasoning to predict the behaviour of simple programs
- use technology purposefully to create, organise, store, manipulate and retrieve digital content
- recognise common uses of information technology beyond school
- use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies