

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

AUTUMN 1	AUTUMN 2
<p style="text-align: center;">There's No Place Like Home</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 • recognise common uses of information technology beyond school <p>Dimensions Skills: Ict1, Ict7, Ict10, Ict11, Ict13, Ict14</p>	<p style="text-align: center;">Happily Ever After</p> <p>National Curriculum Content: Lego Builders/ Technology Outside School</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 • recognise common uses of information technology beyond school <p>Dimensions Skills: C1, Ict1, Ict2, Ict3, Ict4, Ict5, Ict6</p>
<p>Connections:</p>	<p>Connections:</p>
SPRING 1	SPRING 2
<p style="text-align: center;">Whatever the Weather</p> <p>National Curriculum Content: Grouping and Sorting/ Creating Pictures</p> <ul style="list-style-type: none"> • use technology purposefully to create, organise, store, manipulate and retrieve digital content <p>Dimensions Skills: Ict3, Ict4, Ict7, Ict8, Ict9, Ict12</p>	<p style="text-align: center;">Amazing Machines</p> <p>National Curriculum Content: 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, Ict12</p>
<p>Connections:</p>	<p>Connections:</p>

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SUMMER 1	SUMMER 2
<p style="text-align: center;">Commotion in the Ocean</p> <p>National Curriculum Content:</p> <p>Coding</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 <p>Dimensions Skills: C1, C2, C3, Ict2, Ict6, Ict7</p>	<p style="text-align: center;">Paddington's Passport</p> <p>National Curriculum Content:</p> <p>Coding</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 <p>Dimensions Skills: C1, C2, C3, Ict6</p>
<p>Connections:</p>	<p>Connections:</p>

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