

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

AUTUMN 1	AUTUMN 2
<p style="text-align: center;">Happy Families</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: Ict5, Ict7, Ict10, Ict11, Ict13, Ict14</p>	<p style="text-align: center;">Into the Unknown</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, Ict5, Ict6</p>
<p>Connections:</p>	<p>Connections:</p>
SPRING 1	SPRING 2
<p style="text-align: center;">Wheelie Good</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</p>	<p style="text-align: center;">Two Extremes</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

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	Dimensions Skills: Ict2, Ict3, Ict4, Ict6, Ict7
Connections:	Connections:
SUMMER 1	SUMMER 2
Where the Wild Things Go	Going for Gold (moved from Cycle B due to pandemic)
National Curriculum Content: Coding <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 	National Curriculum Content: Coding <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
Dimensions Skills: C1, C2, C3, Ict6	Dimensions Skills: C1, C2, C3, Ict6
Connections:	Connections:

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

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- 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