

# Oasis Academy Boulton

## Computing Curriculum

<b>Year 1</b>	<b>Topic</b>	<b>Curriculum Activities</b>
Autumn	Celebrating	Making e cards
	Treasure Hunter	Using programmable toys to find treasure
Spring	Storyteller	Children create a talking book
	Data Collection	Children collect data from real life situations
Summer	Instructions	Children make a short video linked to instructions
	Simulators	Children understand how simulators can work
<b>Year 2</b>	<b>Topic</b>	<b>Curriculum Activities</b>
Autumn	Being a detective	Children use email to solve a mystery
	Digital Illustrating	Pupils create digital books
Spring	Journalism	Pupils create a newsletter
	Using stop-motion animator	Children create a story using animation
Summer	Programming	Pupils use a programming turtle to move positions around a screen
	Data Handling	Pupils create graphs and charts using data
<b>Year 3</b>	<b>Topic</b>	<b>Curriculum Activities</b>
Autumn	Comic writing	Children make comic strips
	Animation	Pupils use programming to make things move
	Data handling	Pupils collect data

Spring	Communication	E safety
Summer	Research	Children research and present a quiz or game
	Film maker	Children create and edit films
<b>Year 4</b>	<b>Topic</b>	<b>Curriculum Activities</b>
Autumn	Using the computer to edit work	Pupils edit online information
	Data collection	Pupils collect real data over a period of time
Spring	Making music	Pupils interact and make digital music
	Using data	Pupils delve into history by looking at census data
Summer	Creating digital Art	Using turtle graphics to explore forms of geometry and create art work
	Presentation	Using a powerpoint to present graphics
<b>Year 5</b>	<b>Topic</b>	<b>Curriculum Overview</b>
Autumn	Photography	Editing Images
	Representing architecture	Create virtual worlds
Spring	Blogging	Create and use blogs
	Advertising and design	Children design a product and advertise it
Summer	Representing statistics	Pupils use data to present a report
	Computer games	Pupils make an interactive game
<b>Year 6</b>	<b>Topic</b>	<b>Curriculum Overview</b>
Autumn	Investigation	Children explore local and non-local environments
	Advertising	Pupils plan and make a mock fundraising event
Spring	Creating computer games	Pupils will write and debug programs
	Investigation	Children explore and research climate change
Summer	Building a website	Pupils design a website dealing with e safety
	Publishing skills	Pupils use graphic skills to design and write a book