

# Computing



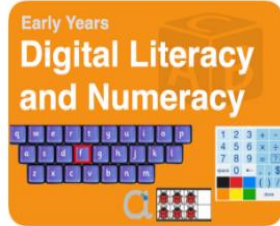










# Oakwood Academy

Part of **KINGS ACADEMY TRUST**

# Willows Computing Overview



	AUT1	AUT2	SPR1	SPR2	SUM1	SUM2
	My computer and me		Creating Media	Digital Literacy	Creating Media 2	Programming
W1	<p>Computer Discovery</p> 	<p>Mouse and Keyboard skills</p> 	<p>Digital Literacy and Numeracy</p> 	<p>E-Safety</p> 	<p>Digital Art and Design</p> 	<p>Early Programming</p> 
W2	<p>Mouse and Keyboard Skills</p> 	<p>Text &amp; Images</p> 	<p>Music Creation</p> 	<p>E-Safety</p> 	<p>3D Design</p> 	<p>Introducing Programming</p> 

# Pathway 1 KS3 Computing Overview



	AUT1		AUT2	SPR1	SPR2	SUM1	SUM2
	← Digital Literacy →						
	ICT	CS	ICT	Computer Science	ICT	ICT	Computer Science
	My Computer and Me		Creating Media 1	Programming 1	Data & Information	Creating Media 2	Programming 2
Y7	Using my Computer	Creating Publications	Programming Sequences.	Branching Databases	Creating Animations	Programming Events and actions.	
Y8	Communicating Online	Creating Edited Photos	Programming Repetition in shapes.	Flat-File Databases	Creating Podcasts	Programming Repetition in games.	
Y9	What's inside a Computer?	Creating Vector Graphics	Programming Selection in Quizzes	Spreadsheets	Creating Videos	Programming Selection in Games	

# Pathway 2 KS3 Computing Overview



	AUT1		AUT2	SPR1	SPR2	SUM1	SUM2
	Digital Literacy						
	ICT	CS	ICT	Computer Science	ICT	ICT	Computer Science
	My Computer and Me		Creating Media 1	Programming 1	Data & Information	Creating Media 2	Programming 2
Y7	Using my Computer			Programming a Robot	Grouping Data	Creating Media	Programming Animation
Y8	Communicating Online		Creating the perfect picture	Programming Robot Algorithms	Pictograms	Creating Music	Programming Quizzes
Y9	Being Respectful Online		Creating Publications	Sequencing in Programming.	Branching Databases	Creating Animations	Programming Events and actions.

# KS4 Core Computing @ Oakwood



		AUT1	AUT2	SPR1	SPR2	SUM1	SUM2
<b>Y10 Core – S &amp; F</b>	<b>WJEC Entry Pathways – ICT Fundamentals Entry 3 – 6384/E3</b>		<b>WJEC Entry Pathways – Presentation Software Entry 3 – 6393/E3</b>		<b>WJEC Entry Pathways – Spreadsheet Software Entry 2 – 6389/E2</b>		
	<p>Students explore the fundamentals of using ICT. They examine the main components of a computer system and how to use, maintain and troubleshoot them.</p> <p>They learn how to organise computer systems effectively. They explore safe use of ICT in a variety of scenarios.</p>		<p>Students explore Presentation Software, with a focus on Microsoft PowerPoint. They examine the uses for Presentation software and look at best practice for creating their own. They will gain valuable presentation skills and work towards collecting evidence for their qualification.</p>		<p>Students explore Spreadsheet Software, with a focus on Microsoft Excel. They examine the uses for Spreadsheet software and learn how to collect, store and analyse data. They will explore commonly used formulae in Excel, create tables to house information, use sort and search functions, as well as creating graphs and charts to present their findings</p>		
<b>Y11 Core – S &amp; F</b>	<b>WJEC Entry Pathways – Using Email Entry 3 – 6401/E3</b>		<b>Submission Activities / ICT For Life</b>		<b>End of school Activities</b>		
	<p>Students explore the world of electronic mail. They will gain the understanding of how emails work and their appropriate use. They explore relevant safety issues surrounding the use of email, how to set up contact lists, group contacts for various tasks and how they can use email to work collaboratively.</p>		<p>Students will finalise their coursework ready to be submitted for moderation.</p> <p>When finished, students will explore useful ICT skills for life:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> CV Writing</li> <li><input type="checkbox"/> Job Searching</li> <li><input type="checkbox"/> Additional basic email skills</li> </ul>		<p><b>Carousel of choices:</b></p> <p>Video Editing: Leavers videos Game Design: Kodu Pixel Art</p>		

# KS4 Core Computing @ Oakwood



	AUT1	AUT2	SPR1	SPR2	SUM1	SUM2
Y10 Core – Pine	<b>WJEC Entry Pathways – ICT Fundamentals</b> Entry 2 – 6384/E2		<b>WJEC Entry Pathways – Presentation Software</b> Entry 2 – 6393/E2		<b>WJEC Entry Pathways – Spreadsheet Software</b> Entry 2 – 6389/E2	
	Students explore IT Fundamentals, including internet safety, hardware, software and best practice. A heavy focus is placed on how to stay safe online and what information is acceptable to share and what is not.		Students explore Presentation Software, with a focus on Microsoft PowerPoint. They examine the uses for Presentation software and look at best practice for creating their own. They will gain valuable presentation skills and work towards collecting evidence for their qualification.		Students explore Spreadsheet Software, with a focus on Microsoft Excel. They examine the uses for Spreadsheet software and learn how to collect, store and analyse data. They will explore commonly used formulae in Excel, create tables to house information, use sort and search functions, as well as creating graphs and charts to present their findings.	
Y11 Core – Pine	<b>WJEC Entry Pathways – Word Processing</b> Entry 2 – 6391/E2		<b>Submission Activities / ICT For Life</b>		<b>End of school Activities</b>	
	Students explore Word Processing software, with a focus on Microsoft Word. They examine the uses for Word Processing, including the clear and precise presentation of information. They will gain valuable word processing skills and work towards collecting evidence for their qualification.		Students will finalise their coursework ready to be submitted for moderation.  When finished, students will explore useful ICT skills for life: <ul style="list-style-type: none"> <li><input type="checkbox"/> CV Writing</li> <li><input type="checkbox"/> Job Searching</li> <li><input type="checkbox"/> Additional basic email skills</li> </ul>		<b>Carousel of choices:</b>  Video Editing: Leavers videos Game Design: Kodu Pixel Art	

# KS4 Core Computing @ Oakwood



		AUT1	AUT2	SPR1	SPR2	SUM1	SUM2
<b>Y10 Core – Maple</b>	<b>WJEC Entry Pathways – IT Fundamentals Entry 2 – 6384/E2</b>		<b>WJEC Entry Pathways – Presentation Software Entry 3 – 6393/E1</b>		<b>WJEC Entry Pathways – Spreadsheet Software Entry 2 – 6389/E1</b>		
	Students explore IT Fundamentals, including internet safety, hardware, software and best practice. A heavy focus is placed on how to stay safe online and what information is acceptable to share and what is not.		Students explore Presentation Software, with a focus on Microsoft PowerPoint. They examine the uses for Presentation software and look at best practice for creating their own. They will gain valuable presentation skills and work towards collecting evidence for their qualification.		Students explore Spreadsheet Software, with a focus on Microsoft Excel. They examine the uses for Spreadsheet software and learn how to collect, store and analyse data. They will explore commonly used formulae in Excel, create tables to house information, use sort and search functions, as well as creating graphs and charts to present their findings.		
<b>Y11 Core – Maple</b>	<b>WJEC Entry Pathways – Word Processing Entry 3 – 6391/E1</b>		<b>Submission Activities / ICT For Life</b>			<b>End of school Activities</b>	
	Students explore Word Processing software, with a focus on Microsoft Word. They examine the uses for Word Processing, including the clear and precise presentation of information. They will gain valuable word processing skills and work towards collecting evidence for their qualification.		Students will finalise their coursework ready to be submitted for moderation.  When finished, students will explore useful ICT skills for life: <ul style="list-style-type: none"> <li><input type="checkbox"/> CV Writing</li> <li><input type="checkbox"/> Job Searching</li> <li><input type="checkbox"/> Additional basic email skills</li> </ul>			<p style="text-align: center;"><b>Carousel of choices:</b></p> <p style="text-align: center;">Video Editing: Leavers videos Game Design: Kodu Pixel Art</p>	

# Options Computing @ Oakwood



	AUT1	AUT2	SPR1	SPR2	SUM1	SUM2
<b>Y10 Options</b>	<b>Understand the purpose of Advertising</b> <b>Entry 3 – Credits: 3 – KA1/E3/LQ/001</b>		<b>Creative Media Production Skills</b> <b>Entry 3 – Credits: 4 – KB2/E3/LQ/001</b>		<b>Developing Animation</b> <b>Entry 3 – Credits: 3 – KB2/E3/LQ/002</b>	
	<b>Learners will:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Identify examples of advertisements.</li> <li><input type="checkbox"/> Identify key features of advertisements.</li> <li><input type="checkbox"/> Understand how advertisements appeal to specific audiences.</li> <li><input type="checkbox"/> Plan their own ideas for advertising a product.</li> <li><input type="checkbox"/> Present their own ideas for advertising a specific product.</li> </ul>		<b>Learners will:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Plan the production of a media product showing consideration of some key aspects.</li> <li><input type="checkbox"/> Produce a media product in line with their own plan.</li> <li><input type="checkbox"/> Present their media product to others so that they understand the purpose of the product and its key features.</li> <li><input type="checkbox"/> Improve aspects of their product based on feedback.</li> </ul>		<b>Learners will:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Generate ideas for an animated sequence.</li> <li><input type="checkbox"/> Create story-boards for an animated sequence.</li> <li><input type="checkbox"/> Create an animated sequence in line with their own story-boards.</li> <li><input type="checkbox"/> Improve their animations based on feedback.</li> </ul>	
<b>Y11 Options</b>	<b>Images and Design in Newspaper and Magazines.</b> <b>Entry 3 – Credits: 3 – KH5/E3/LQ/001</b>		<b>Introduction to Interactive Media Products</b> <b>Entry 3 – Credits: 3 – KJ3/E3/LQ/002</b>		<b>End of year activities</b>	
	<b>Learners will:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Plan a newspaper or magazine to a set brief.</li> <li><input type="checkbox"/> Produce a newspaper/magazine</li> <li><input type="checkbox"/> Understand core concepts of page design.</li> <li><input type="checkbox"/> Use images in effective and appropriate ways.</li> <li><input type="checkbox"/> Use text in effective and appropriate ways.</li> <li><input type="checkbox"/> Understand the importance of sections and use them appropriately.</li> <li><input type="checkbox"/> Improve aspects of their work based on feedback.</li> </ul>		<b>Learners will:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Plan an interactive media product to a brief.</li> <li><input type="checkbox"/> Produce an interactive media product in line with their own plan.</li> <li><input type="checkbox"/> Test their products with users and gather feedback.</li> <li><input type="checkbox"/> Improve aspects of their own work based on this feedback.</li> <li><input type="checkbox"/> Present the planned interactive media product communicating it's key features.</li> </ul>		<p style="text-align: center;"><b>Carousel of choices:</b></p> <p style="text-align: center;">Video Editing: Leavers videos Game Design: Kodu Pixel Art</p>	



# Curriculum Maps



**Oakwood  
Academy**

# Willows Computing @ Oakwood



Computer Science

Digital Literacy

ICT

AUT1

AUT2

SPR1

SPR2

SUM1

SUM2

My computer and me

Creating Media

Digital Literacy

Creating Media 2

Programming

Computer Discovery

M & KB Skills

Digital Literacy & Numeracy

E Safety

Digital Art & Design

Early Programming

CS

DL

ICT

DL

ICT

DL

ICT

DL

ICT

CS

DL

Students will develop an understanding of computers before using them to achieve and help with basic tasks.

Students will develop an understanding of the basic input commands available on the devices they use – Mouse, Keyboard and Touch.

Students will develop mathematics and literacy skills using different types of technology and assess the benefits of completing these tasks on a digital device.

Students begin to explore the importance of staying safe online and compare safety in the real world to safety on the internet.

Students develop mouse control and interact with programs to develop creativity and begin making decisions on which digital tools are appropriate for creating different content.

Students are introduced to equipment that needs programming and the basic principles, including sequencing instructions.

M & KB Skills

Text & Images

Music Creation

E Safety

3D Design

Introducing Programming

CS

DL

ICT

DL

ICT

DL

ICT

DL

ICT

CS

DL

Students explore more advanced Mouse and Keyboard skills to bolster their skillset.

Pupils develop early desktop publishing skills, combining text and images onto a page.

Students aim to understand the different sounds instruments make, the important of patterns in music creation and important words such as rhythm/beats, tempo and melody.

Students have a discussion based topic about the importance of staying safe online and what personal information means.

Students develop the sense of spacial awareness required for 3D design as well as digital art skills.

Students are introduced to computer programming with a focus on sequencing commands.

Willows 1

Willows 2

# P1Y7 Computing @ Oakwood



Computer Science

Digital Literacy

ICT

AUT1

AUT2

SPR1

SPR2

SUM1

SUM2

Me and My Computer

Creating Media 1

Programming 1

Data & Information

Creating Media 2

Programming 2

Using my Computer

Creating Publications

Programming Sequences

Branching Databases

Creating Animations

Programming Events and Actions

CS

DL

ICT

DL

ICT

CS

DL

CS

DL

ICT

DL

ICT

CS

DL

Students explore the basics of the Oakwood Computing systems. They focus on using computers productively, exploring skills such as; logging in, using the file explorer, organising work and folders etc. Students explore the Google Classroom.

Students create documents by modifying text, images and page layouts for specific purposes.

Students explore a block-based programming language to make music.

Students build, and use, branching databases to group objects using yes/no questions.

Students capture and edit digital images to produce a stop-frame animation that tells a story.

Students write algorithms and programs that use a range of events to trigger sequences of actions.

## Maths Links

Time

WK 14-15,  
37-38

Properties of a 2D shape:

WK 5-6

Time:

WK 14-15,  
37-38

Number

WK 3-4

Number:

WK 3-4

Year 7

# P1Y8 Computing @ Oakwood



Computer Science

Digital Literacy

ICT

AUT1

AUT2

SPR1

SPR2

SUM1

SUM2

Me and My Computer

Creating Media 1

Programming 1

Data & Information

Creating Media 2

Programming 2

Communicating Online

Creating Edited Photos

Programming Shapes

Flat File Databases

Creating Podcasts

Programming Games

CS

DL

ICT

DL

ICT

CS

DL

CS

DL

ICT

DL

ICT

CS

DL

Students explore what the internet is and a variety of ways they can communicate online. They explore emails, social media and instant messaging with a focus on safe and appropriate use.

Students manipulate digital images for specific purposes, and reflect upon how the changes they have made might have an impact on the original message of the image.

Students are introduced to text based programming, they explore count-controlled loops and procedures in order to draw shapes.

Students explore what data and databases are. They learn how to create their own databases, sort and filter information and the basics of using formulae. Students focus on asking and answering questions based on their data.

Students capture and edit audio to produce different sounds, for a variety of reasons, including creating a podcast. Students explore copyright law.

Students use a block-based programming language to explore count-controlled and infinite loops when creating a game.

## Maths Links

Place Value

WK 3-4

Place value

WK 3-4

Time

WK 14-15, 37-38.

Place Value

WK 3-4

Measures

WK 7-8

Measures

WK 7-8

Position and Direction

WK 12-13

Statistics

WK 16-17, 35.

Decimals

WK 25-26

Position and Direction

WK 12-13

Angles

WK 30-31

Year 8

# P1Y9 Computing @ Oakwood



Computer Science

Digital Literacy

ICT

AUT1

AUT2

SPR1

SPR2

SUM1

SUM2

Me and My Computer

Creating Media 1

Programming 1

Data & Information

Creating Media 2

Programming 2

What's inside a computer?

Creating Vector Graphics

Programming Selection in Quizzes

Spreadsheets

Creating Videos

Programming Selection in Games

CS

DL

ICT

DL

ICT

CS

DL

DL

ICT

DL

ICT

CS

DL

Students explore the internal components of a computer and understand what their purposes are.

Students create images in a drawing program by using layers and groups of objects.

Students explore selection in programming to design and code their own interactive quizzes.

Students explore Spreadsheets; What they are, what they are used for and how to create their own. They explore functions and formulae.

Students plan, capture and edit their own videos to produce a short film.

Students explore selection in programming.

## Maths Links

Time

WK 14-15  
37-38

Statistics

WK 16-17  
35

Time

WK 14-15  
37-38

Time

WK 14-15  
37-38

Position and Direction

WK 12-13

Position and Direction

WK 12-13

Angles

WK 30-31

Multiplication and Division

WK 19-20

Decimals

WK 25-26

Angles

WK 30-31

Ratio

WK 32

Ration

WK 32

Year 9

# P2Y7 Computing @ Oakwood



Computer Science

Digital Literacy

ICT

AUT1

AUT2

SPR1

SPR2

SUM1

SUM2

Me and My Computer

Creating Media 1

Programming 1

Data & Information

Creating Media 2

Programming 2

Using my Computer

Programming a Robot

Grouping Data

Creating Media

Animations

CS

DL

ICT

CS

DL

CS

DL

ICT

DL

ICT

CS

DL

Students explore the basics of the Oakwood Computing systems. They focus on using computers productively, exploring skills such as; logging in, using the file explorer, organising work and folders etc.

Students explore the Google Classroom.

Students explore programming basics and begin to program a robot using physical inputs. They explore the concept of algorithms and the precise instructions a program needs to follow to function.

Students explore the basics of working with Data by grouping objects, exploring attributes and identifying appropriate labels. They begin asking simple questions about the data they organise.

Students focus on creating two types of media: Digital Writing and Digital Pictures. They explore how to format and edit digital media.

Students program basic animations as an introductory task to creating programs on a computer.

## Maths Links

Place Value:

WK 3-4

Properties of 2D Shapes:

WK 5-6

Properties of 2D Shapes:

WK 5-6

Time:

WK: 14-15  
37-38.

Measures:

WK 7-8

Measures:

WK 7-8

Addition/  
Subtraction:

WK 10-11

Position/  
Direction:

WK 12-13

Statistics:

WK 16-17, 35.

Year 7

# P2Y8 Computing @ Oakwood



Computer Science

Digital Literacy

ICT

AUT1

AUT2

SPR1

SPR2

SUM1

SUM2

Me and My Computer

Creating Media 1

Programming 1

Data & Information

Creating Media 2

Programming 2

Communicating Online

Creating the Perfect Picture

Robot Algorithms

Pictograms

Creating Music

Programming Quizzes

CS DL ICT

DL ICT

CS DL

CS DL ICT

DL ICT

CS DL

Students explore what the internet is and a variety of ways they can communicate online. They explore emails, social media and instant messaging with a focus on safe and appropriate use.

Students explore digital photography, with a focus on what makes a good photograph. They explore positioning, framing, lighting, effects and more.

Students explore Algorithms with a focus on programming a robot. They understand the concept of ordering their algorithm correctly and explore the process of debugging if done incorrectly.

Students explore creating Pictograms digitally. They recap previous learning on Data, Grouping and Attributes to create new sets of data and use it to compare results.

Students use a variety of online tools to create music digitally. They explore the concepts of Tempo and Pitch and compare the advantages of digital music to analogue.

Students explore the concept of design briefs for a program, with a focus on creating a digital quiz. They explore a variety of briefs, modify them, create their own and finally create their own quiz.

## Maths Links

Place Value

WK 3-4

Statistics

WK 16-17, 35.

Place Value

WK 3-4

Measures

WK 7-8

Measures

WK 7-8

Addition and Subtraction

WK 10-11

Add & Sub

WK 10-11

Position and Direction

WK 12-13

Pos & Dir

WK 12-13

Year 8

# P2Y9 Computing @ Oakwood



Computer Science

Digital Literacy

ICT

AUT1

AUT2

SPR1

SPR2

SUM1

SUM2

Me and My Computer

Creating Media 1

Programming 1

Data & Information

Creating Media 2

Programming 2

Being Respectful Online

Creating Publications

Programming Sequences

Branching Databases

Creating Animations

Programming Events and Actions

CS

DL

ICT

DL

ICT

CS

DL

CS

DL

ICT

DL

ICT

CS

DL

Students explore the concept of a digital self and how their online actions affect their real world selves. They explore how to be responsible digital citizens.

Students create documents by modifying text, images and page layouts for specific purposes.

Students explore a block-based programming language to make music.

Students build, and use, branching databases to group objects using yes/no questions.

Students capture and edit digital images to produce a stop-frame animation that tells a story.

Students write algorithms and programs that use a range of events to trigger sequences of actions.

## Maths Links

Time

WK 14-15,  
37-38

Properties of  
a 2D shape:

WK 5-6

Time:

WK 14-15,  
37-38

Number

WK 3-4

Number:

WK 3-4

Year 9



# KS4 Core Computing @ Oakwood



	AUT1	AUT2	SPR1	SPR2	SUM1	SUM2
<b>Y10 Core – S &amp; F</b>	<b>WJEC Entry Pathways – ICT Fundamentals Entry 3 – 6384/E3</b>		<b>WJEC Entry Pathways – Presentation Software Entry 3 – 6393/E3</b>		<b>WJEC Entry Pathways – Spreadsheet Software Entry 2 – 6389/E2</b>	
	Students explore the fundamentals of using ICT. They examine the main components of a computer system and how to use, maintain and troubleshoot them. They learn how to organise computer systems effectively. They explore safe use of ICT in a variety of scenarios.		Students explore Presentation Software, with a focus on Microsoft PowerPoint. They examine the uses for Presentation software and look at best practice for creating their own. They will gain valuable presentation skills and work towards collecting evidence for their qualification.		Students explore Spreadsheet Software, with a focus on Microsoft Excel. They examine the uses for Spreadsheet software and learn how to collect, store and analyse data. They will explore commonly used formulae in Excel, create tables to house information, use sort and search functions, as well as creating graphs and charts to present their findings	
			Measurements: WK19-20.    Statistics: WK 25-26		Measurements: WK 19-20    Money: WK 33-34 Statistics: WK 25-26	
<b>Y11 Core – S &amp; F</b>	<b>WJEC Entry Pathways – Using Email Entry 3 – 6401/E3</b>		<b>Submission Activities / ICT For Life</b>		<b>End of school Activities</b>	
	Students explore the world of electronic mail. They will gain the understanding of how emails work and their appropriate use. They explore relevant safety issues surrounding the use of email, how to set up contact lists, group contacts for various tasks and how they can use email to work collaboratively.		Students will finalise their coursework ready to be submitted for moderation.  When finished, students will explore useful ICT skills for life: <ul style="list-style-type: none"> <li><input type="checkbox"/> CV Writing</li> <li><input type="checkbox"/> Job Searching</li> <li><input type="checkbox"/> Additional basic email skills</li> </ul>		<p style="text-align: center;"><b>Carousel of choices:</b></p> <p style="text-align: center;">Video Editing: Leavers videos Game Design: Kodu Pixel Art</p>	

# KS4 Core Computing @ Oakwood



	AUT1	AUT2	SPR1	SPR2	SUM1	SUM2
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	Students explore IT Fundamentals, including internet safety, hardware, software and best practice. A heavy focus is placed on how to stay safe online and what information is acceptable to share and what is not.		Students explore Presentation Software, with a focus on Microsoft PowerPoint. They examine the uses for Presentation software and look at best practice for creating their own. They will gain valuable presentation skills and work towards collecting evidence for their qualification.		Students explore Spreadsheet Software, with a focus on Microsoft Excel. They examine the uses for Spreadsheet software and learn how to collect, store and analyse data. They will explore commonly used formulae in Excel, create tables to house information, use sort and search functions, as well as creating graphs and charts to present their findings.	
			Measurements: WK19-20.    Statistics: WK 25-26		Measurements: WK 19-20    Money: WK 33-34 Statistics: WK 25-26	
<b>Y11 Core – Pine</b>	<b>WJEC Entry Pathways – Word Processing Entry 2 – 6391/E2</b>		<b>Submission Activities / ICT For Life</b>		<b>End of school Activities</b>	
	Students explore Word Processing software, with a focus on Microsoft Word. They examine the uses for Word Processing, including the clear and precise presentation of information. They will gain valuable word processing skills and work towards collecting evidence for their qualification.		Students will finalise their coursework ready to be submitted for moderation.  When finished, students will explore useful ICT skills for life: <ul style="list-style-type: none"> <li><input type="checkbox"/> CV Writing</li> <li><input type="checkbox"/> Job Searching</li> <li><input type="checkbox"/> Additional basic email skills</li> </ul>		<p style="text-align: center;"><b>Carousel of choices:</b></p> <p style="text-align: center;">Video Editing: Leavers videos Game Design: Kodu Pixel Art</p>	

# KS4 Core Computing @ Oakwood



	AUT1	AUT2	SPR1	SPR2	SUM1	SUM2
<b>Y10 Core – Maple</b>	<b>WJEC Entry Pathways – IT Fundamentals Entry 2 – 6384/E2</b>		<b>WJEC Entry Pathways – Presentation Software Entry 1 – 6393/E1</b>		<b>WJEC Entry Pathways – Spreadsheet Software Entry 1 – 6389/E1</b>	
	Students explore IT Fundamentals, including internet safety, hardware, software and best practice. A heavy focus is placed on how to stay safe online and what information is acceptable to share and what is not.		Students explore Presentation Software, with a focus on Microsoft PowerPoint. They examine the uses for Presentation software and look at best practice for creating their own. They will gain valuable presentation skills and work towards collecting evidence for their qualification.		Students explore Spreadsheet Software, with a focus on Microsoft Excel. They examine the uses for Spreadsheet software and learn how to collect, store and analyse data. They will explore commonly used formulae in Excel, create tables to house information, use sort and search functions, as well as creating graphs and charts to present their findings.	
			Measurements: WK19-20.    Statistics: WK 25-26		Measurements: WK 19-20    Statistics: WK 25-26	

<b>Y11 Core – Maple</b>	<b>WJEC Entry Pathways – Word Processing Entry 2 – 6391/E2</b>	<b>Submission Activities / ICT For Life</b>	<b>End of school Activities</b>
	Students explore Word Processing software, with a focus on Microsoft Word. They examine the uses for Word Processing, including the clear and precise presentation of information. They will gain valuable word processing skills and work towards collecting evidence for their qualification.	Students will finalise their coursework ready to be submitted for moderation.  When finished, students will explore useful ICT skills for life: <ul style="list-style-type: none"> <li><input type="checkbox"/> CV Writing</li> <li><input type="checkbox"/> Job Searching</li> <li><input type="checkbox"/> Additional basic email skills</li> </ul>	<p><b>Carousel of choices:</b></p> <p>Video Editing: Leavers videos Game Design: Kodu Pixel Art</p>

# Options Computing @ Oakwood



	AUT1	AUT2	SPR1	SPR2	SUM1	SUM2
<b>Y10 Options</b>	<b>Understand the purpose of Advertising</b> <b>Entry 3 – Credits: 3 – KA1/E3/LQ/001</b>		<b>Creative Media Production Skills</b> <b>Entry 3 – Credits: 4 – KB2/E3/LQ/001</b>		<b>Developing Animation</b> <b>Entry 3 – Credits: 3 – KB2/E3/LQ/002</b>	
	<b>Learners will:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Identify examples of advertisements.</li> <li><input type="checkbox"/> Identify key features of advertisements.</li> <li><input type="checkbox"/> Understand how advertisements appeal to specific audiences.</li> <li><input type="checkbox"/> Plan their own ideas for advertising a product.</li> <li><input type="checkbox"/> Present their own ideas for advertising a specific product.</li> </ul>		<b>Learners will:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Plan the production of a media product showing consideration of some key aspects.</li> <li><input type="checkbox"/> Produce a media product in line with their own plan.</li> <li><input type="checkbox"/> Present their media product to others so that they understand the purpose of the product and its key features.</li> <li><input type="checkbox"/> Improve aspects of their product based on feedback.</li> </ul>		<b>Learners will:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Generate ideas for an animated sequence.</li> <li><input type="checkbox"/> Create story-boards for an animated sequence.</li> <li><input type="checkbox"/> Create an animated sequence in line with their own story-boards.</li> <li><input type="checkbox"/> Improve their animations based on feedback.</li> </ul> <p style="color: red; margin-top: 10px;"><b>Maths Links: Measurements: 19-20.</b></p>	
<b>Y11 Options</b>	<b>Images and Design in Newspaper and Magazines.</b> <b>Entry 3 – Credits: 3 – KH5/E3/LQ/001</b>		<b>Introduction to Interactive Media Products</b> <b>Entry 3 – Credits: 3 – KJ3/E3/LQ/002</b>		<b>End of year activities</b>	
	<b>Learners will:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Plan a newspaper or magazine to a set brief.</li> <li><input type="checkbox"/> Produce a newspaper/magazine</li> <li><input type="checkbox"/> Understand core concepts of page design.</li> <li><input type="checkbox"/> Use images in effective and appropriate ways.</li> <li><input type="checkbox"/> Use text in effective and appropriate ways.</li> <li><input type="checkbox"/> Understand the importance of sections and use them appropriately.</li> <li><input type="checkbox"/> Improve aspects of their work based on feedback.</li> </ul>		<b>Learners will:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Plan an interactive media product to a brief.</li> <li><input type="checkbox"/> Produce an interactive media product in line with their own plan.</li> <li><input type="checkbox"/> Test their products with users and gather feedback.</li> <li><input type="checkbox"/> Improve aspects of their own work based on this feedback.</li> <li><input type="checkbox"/> Present the planned interactive media product communicating it's key features.</li> </ul>		<b>Carousel of choices:</b>  Video Editing: Leavers videos Game Design: Kodu Pixel Art	