

Advort			Lont		•		Pontocost
Internet Recogni including online co 1. 2.	nputing systems and networks – The ising the internet as a network of networks g the WWW, and why we should evaluate ontent.	 4.2 Creating media - Audio production Capturing and editing audio to produce a podcast, ensuring that copyright is considered. 1. To identify that sound can be recorded I can explain that the person who records the sound can say who is allowed to use it I can identify the input and output devices used to record and play sound I can use a computer to record audio 2. To explain that audio recordings can be edited I can inspect the soundwave view to know where to trim my recording I can re-record my voice to improve my recording 3. To recognise the different parts of creating a podcast project I can explain how sounds can be combined to make a podcast more engaging I can plan appropriate content for a podcast I can save my project so the different parts remain editable 4. To apply audio editing skills independently 	Using a	gramming A – Repetition in shapes text-based programming language to count-controlled loops when drawing To identify that accuracy in programming is important I can create a code snippet for a given purpose I can explain the effect of changing a value of a command I can explain the effect of changing a value of a command I can program a computer by typing commands To create a program in a text-based language I can test my algorithm in a text- based language I can use a template to create a design for my program I can write an algorithm to produce a given outcome -To explain what 'repeat' means I can identify everyday tasks that include repetition as part of a sequence, eg brushing teeth, dance moves I can identify patterns in a sequence I can use a count-controlled loop to produce a given outcome -To modify a count- controlled loop to produce a given outcome L can choose which values to	Recogn time, be investig	To explain that data gathered over time can be used to answer questions I can choose a data set to answer a given question I can identify data that can be gathered over time I can suggest questions that can be answered using a given data set To use a digital device to collect data automatically I can explain what data can be collected using sensors I can identify that data from sensors can be recorded I can use data from a sensor to answer a given question	 Pentecost 4.5 Creating media – Photo editing Manipulating digital images, and reflect impact of changes and whether the red is fulfilled 1. To explain that the coord digital images can I can explain why I might crossing of the second of the secon
• 5. • • • •	I can explain what media can be found on websites I can recognise that I can add content to the WWW To recognise how the content of the WWW is created by people I can explain that there are rules to protect content I can explain that websites and their content are created by people I can suggest who owns the content on websites To evaluate the consequences of unreliable content I can explain that not everything on the World Wide Web is true I can explain why I need to think carefully before I share or reshare content I can explain why some information I find online may not be honest, accurate, or legal	 recordings 5. To combine audio to enhance my podcast project I can arrange multiple sounds to create the effect I want I can explain the difference between saving a project and exporting an audio file I can open my project to continue working on it 6. To evaluate the effective use of audio I can choose appropriate edits to improve my podcast I can listen to an audio recording to identify its strengths I can suggest improvements to an audio recording 	• 5. • • 6.	I can predict the outcome of a program containing a count- controlled loop To decompose a task into small steps I can explain that a computer can repeatedly call a procedure I can identify 'chunks' of actions in the real world I can use a procedure in a program To create a program that uses count-controlled loops to produce a given outcome I can design a program that includes count-controlled loops I can develop my program by debugging it I can make use of my design to write a program #BTK and Links	5. • • • • • •	answer questions I can plan how to collect data using a data logger I can propose a question that can be answered using logged data I can use a data logger to collect data	 I can choose suitable images I can create a project that is of other images I can describe the image I wa To evaluate how char improve an image I can combine text and my in complete the project I can review images against I can use feedback to guide I

Learning objectives, knowledge and skills

l ecting on the		ramming B – Repetition in games block-based programming language to			
equired purpose	Using a block-based programming language to explore count-controlled and infinite loops when creating a game.				
composition	1.	To develop the use of count-			
n be changed		controlled loops in a different			
•		programming environment			
rop an image rotating it		I can list an everyday task as a set of			
tware to crop an		instructions including repetition			
indio to orop an	•	I can modify a snippet of code to create			
urs can be		a given outcome			
nages	•	I can predict the outcome of a snippet of			
rent colour effects	2.	^{code} To explain that in			
colour effects	Z .	programming there are			
fferent things		infinite loops and count-			
certain colour		controlled loops			
ing can be		I can choose when to use a count-			
g		controlled and an infinite loop			
on of an image by	•	I can modify loops to produce a given			
in or an image by		outcome			
edit can be	•	I can recognise that some programming languages enable more than one process to be run at once			
nage using	3.	To develop a design that			
jes can be	•	includes two or more loops			
		which run at the same time			
to select and		I can choose which action will be			
to select and		repeated for each object			
night be edited	•	I can evaluate the effectiveness of the			
to copy between		repeated sequences used in my program			
f	•	I can explain what the outcome of the			
for a		repeated action should be To modify an infinite loop in a			
	4.	, i			
es for my project		given program			
is a combination	•	I can explain the effect of my changes I can identify which parts of a loop can			
want to create	· ·	be changed			
anges can	•	I can re-use existing code snippets on			
J	_	new sprites			
image to	5.				
iniugo to		includes repetition			
st a given criteria	•	I can develop my own design explaining			
e making changes		what my project will do I can evaluate the use of repetition in a			
	•	project			
	•	I can select key parts of a given project to use in my own design			
	6.	To create a project that			
		includes repetition			
	•	I can build a program that follows my			
		design			
	•	I can evaluate the steps I followed when			
		1 10 10			
		building my project I can refine the algorithm in my design			

Key Vocabulary									