



COMPUTING

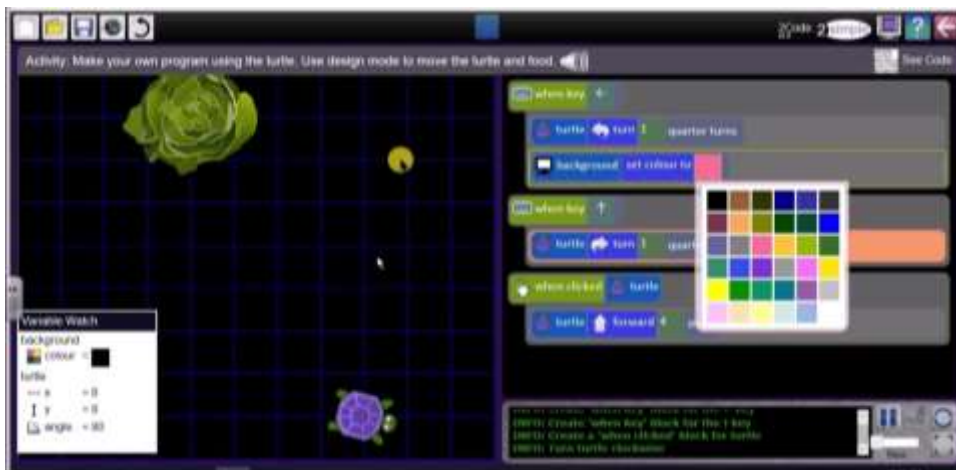
Coding, gaming and robotics

National Curriculum Objective

- 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

Key Vocabulary

command	background	character	coder	coding
code block	program	action	algorithm	debug
drag	drop	object	collision -detection	design



Intents	Student
I can explain coding language – algorithm, command, object, action, debug	
I can use 2code program to create a simple program	
I can design and change a background	
I can design and change a character	
I can program a character to move	
I know what debugging means	

COMPUTING

e-Safety

National Curriculum

- use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

The first lesson of each term throughout the year provides an important focus on e-safety. Children explore the ever-changing issues through discussion, presentation or group work.

online safety	personal information	private	worries	bad words
stranger	feelings	explore together	sad	trusted adult
Chatting online	Watching videos	Sharing safely	sharing	permission



Intents	Student
I know that I shouldn't ever tell anyone private things about me.	
I know what I would do if you saw something frightening online.	
I know that I can explore safely with a trusted adult when online.	
I know that I should not talk to strangers online.	
I know that I should tell a trusted adult if I see or hear anything that makes me feel sad or worried online.	
I know that it is best to watch videos when there is a grown up watching with you, not on my own.	