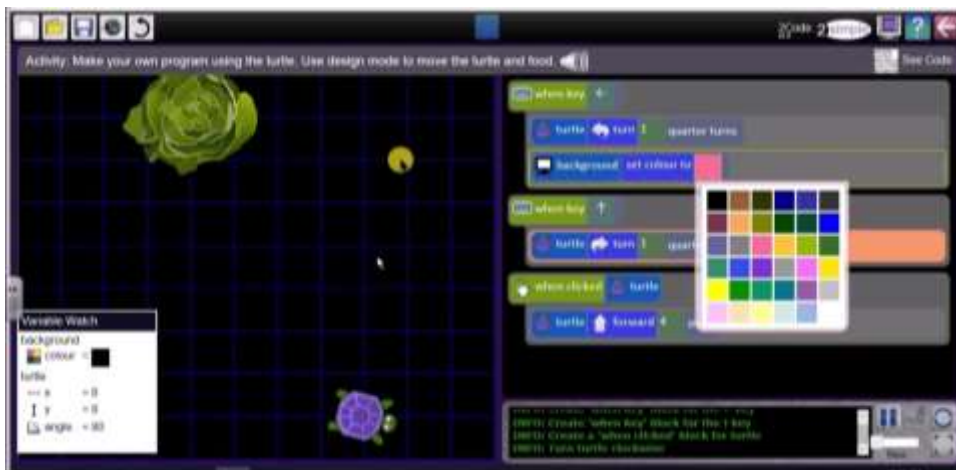# COMPUTING

Coding, gaming and robotics

National Curriculum Objective
o understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions o create and debug simple programs o 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

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.	