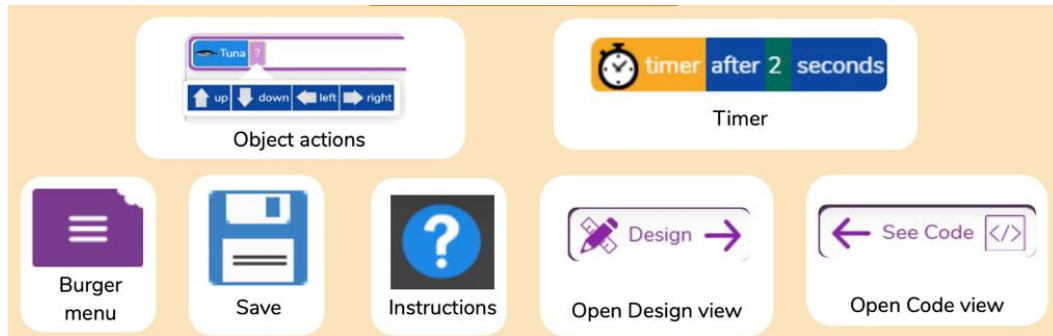


Coding Computing



National Curriculum

1. Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.
2. Create and debug simple programs.

Key Vocabulary

action	button object	output	logic
bug	collision detection	creativity	problem-solving
algorithm	command	reasoning	debugging
Substantive- Subject Knowledge		Bigger Picture- Supporting Words	

Intents

Intents	Pupil	Teacher
Can I create a computer program using an algorithm?		
Do I understand ways that the collision detection event can be used in a program?		
Can I design a program that follows a timed sequence?		
Do I understand that different objects have different attributes (properties)?		
Do I understand the function of button objects in a program?		
Do I understand the importance of testing and debugging?		