## Learning

- To program a computer game by sequencing conditional statements
- $_{\ensuremath{\curvearrowright}\ensuremath{\cap}}$  To use variables in programs
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- To understand that the behaviour of a computer program should be planned
- $_{\mbox{\tiny TD}}$  To understand that programs are developed according to a plan
- To develop strategies for testing and debugging computer programs

## Key Vocabulary

Sequence	A particular order to follow
Selection	Programming statements that only
	run under certain <b>conditions</b> (e.g.
	WHEN, IF, WHILE and UNTIL)
Condition	Something that is true or false
Repeat	The action of doing something over
	and over again
Boolean	A value that can only be true or
	false
Variable	Names given to things we want a
	computer to store (remember)
Procedure	A piece of code that can be used
	more than once
Test	Systematically execute a program in
	all possibly ways to see if it does
	what you expect it to
Debug	Correct errors in programs

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Conditions	Variables	Procedures
when Clicked if touching Andie ? then say Hello! for 2 seconds	wen cicked	1       when       ■       clicked       n <td< th=""></td<>
PajamaFish vurn to face Shark more v Repeat § times Do together PajamaFish swim Shark swim If PajamaFish is near? Shark is true Then PajamaFish move away from Shark 3.0 meters more v	Insert Variable  preview: Spins 3  is variable constant value type: Number : is array name: Spins initialize: 3	Do together          Alice * say *Welcome to My Story!* more*         Alice * move FORWARD * 3.0 meters * more*

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