



Learning Objective		Key Indicators	Basic	Advancing	Deep
To code	Motion	Set IF conditions for movements. Specify types of rotation giving the number of degrees.	Name, describe, follow instructions or methods, complete tasks, recall information, ask basic questions, use, match, report, measure, list, illustrate, label, recognise, tell, repeat, arrange, define, memorise  Some experimentation with conditions and degrees of movement.  _____	Apply skills to solve problems, explain methods, classify, infer, categories, identify patterns, organise, modify, predict, interpret, summarise, make observations, estimate, compare  Some good examples of the use of conditions and degrees of movement.  _____	Solve non-routine problems, appraise, explain concepts, hypothesise, investigate, cite evidence, design, create, and prove.  Many well executed examples of the use of conditions and degrees of movement.  _____
	Looks	Change the position of objects between screen layers (send to back, bring to front).	Some experimentation with screen layers.  _____	Some good examples of effective manipulation of objects between screen layers.  _____	Screen layers are used effectively to control the position and visibility of objects.  _____
	Sound	Upload sounds from a file and edit them. Add effects such as fade in and out.	Some experimentation with importing and editing sounds.  _____	Some good examples of importing and editing sound.  _____	Very good understanding of the process of sound import and the editing of the sound.  _____
	Draw	Combine the use of pens with movement to create interesting effects.	Some experimentation combining tools with movement.  _____	Some interesting effects are gained through combining tools with movement.  _____	Some excellent effects are gained through well-planned tools and movements.  _____
	Events	Set events to control other events by 'broadcasting' information as a trigger.	Some awareness how to broadcast events.  _____	Some good examples of broadcast events.  _____	Many good examples of choosing, using and explaining broadcast events.  _____
	Control	Use IF-THEN-ELSE conditions to control events.	Some awareness of the IF-THEN-ELSE conditions.  _____	Some good examples of the use of the IF-THEN-ELSE conditions to control events or objects.  _____	Thorough understanding of the control conditions IF-THEN-ELSE.  _____

	Sensing	Use a range of sensing tools (such as proximity, loudness and mouse position) to control events or actions.	Some awareness that there are a range of sensing tools that can be used to control events or actions. <hr/>	Some good examples of using a range of sensing tools to control events and actions. <hr/>	Many good examples of the use of sensing tools to control events and actions with explanation. <hr/>
	Variables and lists	Use lists to create a set of variables.	Some awareness of how to create a set of variables. <hr/>	Some good examples of sets of variables in a range of situations. <hr/>	Thorough understanding of how to create and use sets of variables. <hr/>
	Operators	Use the Boolean operations (<() ()=()>() ()and() ()or() Not()) to define conditions.	Some understanding of the use of Boolean operators to define conditions. <hr/>	Some good examples of use of Boolean operators to define conditions. <hr/>	Thorough understanding of how and when to use Boolean operators. <hr/>
		Use the Reporter operators (+() ()- () ()* ()/) to perform calculations.  Pick random() to() Join() Letter ()of() Length of() ().	Some understanding of the use of operators to perform calculations and to refine the reporting of results. <hr/>	Some good examples of the use of operators to perform calculations and to refine the reporting of results. <hr/>	Thorough understanding of the use of operators to perform calculations and to refine the reporting of results. <hr/>
<b>To connect</b>		Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems.	Some awareness of the risks of online communications and the measures taken to minimise these risks. <hr/>	Good understanding of the risks of online communities and the measures to take to minimise risks. <hr/>	Thorough understanding of the risks of online communities and the measures to take to minimise risks. <hr/>

	Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission from the copyright holder.	Awareness that copyright theft is illegal. _____	Good understanding that copyright theft is illegal. _____	Thorough understanding that copyright theft is illegal. _____
	Understand the effect of the online comments and show responsibility and sensitivity when online.	Online comments are responsible and sensitive. _____	Good awareness of the effect of online comments. Comments made online are responsible and sensitive. _____	Explanations show an in-depth understanding of the effect of irresponsible online comments. Comments made online are responsible and sensitive. _____
	Understand how simple networks are set up and used.	Awareness of how simple networks are set up and used. _____	Good understanding of how simple networks are set up and used. _____	Thorough understanding of how networks are set up and used. _____
<b>To communicate</b>	Choose the most suitable applications and devices for the purposes of communication.	Some choices are made in selecting and using apps and devices for communicating ideas. _____	Good choices are made in selecting and using apps and devices for communicating ideas. _____	Excellent choices are made in selecting and using apps and devices for communicating ideas. _____
	Use many of the advanced features in order to create high-quality, professional or efficient communications.	Some high-quality work is produced. _____	Many examples of high-quality work. _____	Widespread and very good examples of high-quality work. _____
<b>To collect</b>	Select appropriate applications to devise, construct and manipulate data and present it in an effective and professional manner.	Some awareness of how to devise, construct and manipulate data. _____	The manipulation of data is efficient and its presentation is becoming professional. _____	The manipulation of data is very well thought out and there is a high degree of professional presentation. _____

