

| Learning Objective | | Key Indicators | Basic | Advancing | Deep |
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| | | | <p>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</p> | <p>Apply skills to solve problems, explain methods, classify, infer, categories, identify patterns, organise, modify, predict, interpret, summarise, make observations, estimate, compare</p> | <p>Solve non-routine problems, appraise, explain concepts, hypothesise, investigate, cite evidence, design, create, and prove.</p> |
| To code | Motion | Set IF conditions for movements. Specify types of rotation giving the number of degrees. | <p>Some experimentation with conditions and degrees of movement.</p> <p>_____</p> | <p>Some good examples of the use of conditions and degrees of movement.</p> <p>_____</p> | <p>Many well executed examples of the use of conditions and degrees of movement.</p> <p>_____</p> |
| | Looks | Change the position of objects between screen layers (send to back, bring to front). | <p>Some experimentation with screen layers.</p> <p>_____</p> | <p>Some good examples of effective manipulation of objects between screen layers.</p> <p>_____</p> | <p>Screen layers are used effectively to control the position and visibility of objects.</p> <p>_____</p> |
| | Sound | Upload sounds from a file and edit them. Add effects such as fade in and out. | <p>Some experimentation with importing and editing sounds.</p> <p>_____</p> | <p>Some good examples of importing and editing sound.</p> <p>_____</p> | <p>Very good understanding of the process of sound import and the editing of the sound.</p> <p>_____</p> |
| | Draw | Combine the use of pens with movement to create interesting effects. | <p>Some experimentation combining tools with movement.</p> <p>_____</p> | <p>Some interesting effects are gained through combining tools with movement.</p> <p>_____</p> | <p>Some excellent effects are gained through well-planned tools and movements.</p> <p>_____</p> |

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| | 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. _____ | Some good examples of using a range of sensing tools to control events and actions. _____ | Many good examples of the use of sensing tools to control events and actions with explanation. _____ |
| | Variables and lists | Use lists to create a set of variables. | Some awareness of how to create a set of variables. _____ | Some good examples of sets of variables in a range of situations. _____ | Thorough understanding of how to create and use sets of variables. _____ |
| | Operators | Use the Boolean operations () < () () = () () > () () and () () or () Not () to define conditions. | Some understanding of the use of Boolean operators to define conditions. _____ | Some good examples of use of Boolean operators to define conditions. _____ | Thorough understanding of how and when to use Boolean operators. _____ |

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| | | <p>Use the Reporter operators (+) (-) (*) (/) to perform calculations.</p> <p>Pick random () to() Join () () Letter ()of() Length of() ()</p> | <p>Some understanding of the use of operators to perform calculations and to refine the reporting of results.</p> <hr/> | <p>Some good examples of the use of operators to perform calculations and to refine the reporting of results.</p> <hr/> | <p>Thorough understanding of the use of operators to perform calculations and to refine the reporting of results.</p> <hr/> |
| To connect | <p>Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems.</p> | <p>Some awareness of the risks of online communications and the measures taken to minimise these risks.</p> <hr/> | <p>Good understanding of the risks of online communities and the measures to take to minimise risks.</p> <hr/> | <p>Thorough understanding of the risks of online communities and the measures to take to minimise risks.</p> <hr/> | |
| | <p>Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission from the copyright holder.</p> | <p>Awareness that copyright theft is illegal.</p> <hr/> | <p>Good understanding that copyright theft is illegal.</p> <hr/> | <p>Thorough understanding that copyright theft is illegal.</p> <hr/> | |
| | <p>Understand the effect of the online comments and show responsibility and sensitivity when online.</p> | <p>Online comments are responsible and sensitive.</p> <hr/> | <p>Good awareness of the effect of online comments. Comments made online are responsible and sensitive.</p> <hr/> | <p>Explanations show an in- depth understanding of the effect of irresponsible online comments. Comments made online are responsible and sensitive.</p> <hr/> | |

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| | 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. _____ |
| <i>To communicate</i> | 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. _____ |
| <i>To collect</i> | 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. _____ |