Stage 3 ICT Programme

Integrating ICT capability [(NESA)](https://educationstandards.nsw.edu.au/wps/portal/nesa/k-10/understanding-the-curriculum/programming/integrating-ict-capability) and [English Syllabus](https://curriculum.nsw.edu.au/syllabuses/english-k-10-2022?tab=content)

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| **HARDWARE AND SOFTWARE** |
| **ICT****Learning Area** | **Year 5** | **Year 6** |  |  |
|  | **Typically, by the end of Year 5 students will be able to:** | **Typically, by the end of Year 6 students will be able to:** |  |  |
|  |  |  | **ACTIVITY** | **ASSESSMENT** |
| **Computer Skills** | Turn computer and monitor on and off.Log on with personal ID. Sign out at end of lesson.Identify computer parts (keyboard, monitor, headphone jack, microphone jack…) EN3-VOCAB-01Recognise and open applications from the Start Menu. EN3-RECOM-01Find and open documents: My Documents and Class Folder. EN3-RECOM-01Find and open documents: Collaboration. EN3-RECOM-01Save work in the correct folder. | Turn computer and monitor on and off.Log on with personal ID. Sign out at end of lesson.Identify computer parts (keyboard, monitor, headphone jack, microphone jack…) EN3-VOCAB-01Recognise and open applications from the Start Menu. EN3-RECOM-01Find and open documents: My Documents and Class Folder. EN3-RECOM-01Find and open documents: Collaboration. EN3-RECOM-01Save work in the correct folder. |  |  |
| **Basic Keyboard Skills** | Use CTRL + S (save), CTRL + C (copy), CTRL + V (paste), CTRL + P (print), CTRL + F (find), CTRL + Z (undo), CTRL + Y (redo) and CTRL + ALT+ DEL (logon / sign off / shutdown). EN3-VOCAB-01Type sentences with correct punctuation. EN3-CWT-01 | Use CTRL + S (save), CTRL + C (copy), CTRL + V (paste), CTRL + P (print), CTRL + F (find), CTRL + Z (undo), CTRL + Y (redo) and CTRL + ALT+ DEL (logon / sign off / shutdown). EN3-VOCAB-01Type sentences with correct punctuation. EN3-CWT-01 |  |  |
| **INTERNET** |
| **ICT****Learning Area** | **Year 5** | **Year 6** |  |  |
|  | **Typically, by the end of Year 5 students will be able to:** | **Typically, by the end of this Year 6 students will be able to:** |  |  |
|  |  |  | **ACTIVITY** | **ASSESSMENT** |
| **Navigation** | Create a shortcut on the task bar to a website.Type in a website URL. EN3-VOCAB-01Recognise and open a hyperlink. | Create a shortcut on the task bar to a website.Type in a website URL. EN3-VOCAB-01Recognise and open a hyperlink. |  |  |
| **Searching** | Use internet browser to search for specific information and images. EN3-VOCAB-01, EN3-RECOM-01Download, save and print from a trusted website. EN3-RECOM-01 | Use internet browser to search for specific information and images. EN3-VOCAB-01, EN3-RECOM-01Download, save and print from a trusted website. EN3-RECOM-01 |  |  |
| **Internet Safety** | Knowledge of internet safety (incorrect websites, cyber bullying and sharing personal information). EN3-RECOM-01 | Knowledge of internet safety (incorrect websites, cyber bullying and sharing personal information). EN3-RECOM-01 |  |  |

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| **VOCABULARY** |
| **ICT****Learning Area** | **Year 5** | **Year 6** |  |  |
|  | **Typically, by the end of Year 5 students will be able to:** | **Typically, by the end of this Year 6 students will be able to:** |  |  |
|  |  |  | **ACTIVITY** | **ASSESSMENT** |
|  | Understands and effectively uses Tier 1 computer words, taught Tier 2 technology words and Tier 3 subject/programme vocabulary to extend and elaborate ideas. EN3-VOCAB-01 | Understands and effectively uses Tier 1 computer words, taught Tier 2 technology words and Tier 3 subject/programme vocabulary to extend and elaborate ideas. EN3-VOCAB-01 |  |  |
| **PROGRAMMES** |
| **WORD PROCESSING SKILLS (MS WORD)** |
| **ICT****Learning Area** | **Year 5** | **Year 6** |  |  |
|  | **Typically, by the end of Year 5 students will be able to:** | **Typically, by the end of this Year 6 students will be able to:** |  |  |
|  |  |  | **ACTIVITY** | **ASSESSMENT** |
|  | Apply to all skills belowEN3-CWT-01,EN3-HANDW-01Type complex sentences and paragraphs with correct punctuation. Insert text border.Insert page border.Demonstrate awareness and use of Spell Check. EN2-VOCAB-01Use bulleted and numbered lists.Insert shapes, and text box. | Apply to all skills belowEN3-CWT-01,EN3-HANDW-01Type complex sentences and paragraphs with correct punctuation. Insert text border.Insert page border.Demonstrate awareness and use of Spell Check. EN3-VOCAB-01Use bulleted and numbered lists.Insert shapes, and text box. |  |  |
| **PRESENTATION SKILLS (POWERPOINT)** |
| **ICT****Learning Area** | **Year 5** | **Year 6** |  |  |
|  | **Typically, by the end of Year 5 students will be able to:** | **Typically, by the end of this Year 6 students will be able to:** |  |  |
|  |  |  | **ACTIVITY** | **ASSESSMENT** |
|  | Apply to all skills belowEN3-CWT-01, EN3-HANDW-02Create a new slide.Insert, duplicate, and delete slide.Reorganise slides.Insert graphics, clipart, shapes, and photographs.Resize and move graphics, clipart, shapes, and photographs.Insert, resize, and move text box.Create a slideshow.Use a background.Use a transition.Animate an object.Set speed /timing of slideshow.Use a Design Template.Create an animation. | Apply to all skills belowEN3-CWT-01, EN3-HANDW-02Create a new slide.Insert, duplicate, and delete slide.Reorganise slides.Insert graphics, clipart, shapes, and photographs.Resize and move graphics, clipart, shapes, and photographs.Insert, resize, and move text box.Create a slideshow.Use a background.Use a transition.Animate an object.Set speed /timing of slideshow.Use a Design Template.Create an animation. |  |  |
| **SPREADSHEET SKILLS (EXCEL)** |
| **ICT****Learning Area** | **Year 5** | **Year 6** |  |  |
|  | **Typically, by the end of Year 5 students will be able to:** | **Typically, by the end of this Year 6 students will be able to:** |  |  |
|  |  |  | **ACTIVITY** | **ASSESSMENT** |
|  | Apply to all skills belowEN3-CWT-01Demonstrate knowledge and use of spreadsheet terms (cell, row, column, fill down, fill right, formula). EN3-VOCAB-01Insert data.Create a line, bar, and pie graph from data. EN3-VOCAB-01Use Sum and Average formulas.Copy and paste cells.Apply colour to rows, cells, and columns.Insert a border around cells.Create, duplicate, and delete page.Begin to use conditional formula | Apply to all skills belowEN3-CWT-01Demonstrate knowledge and use of spreadsheet terms (cell, row, column, fill down, fill right, formula).EN3-VOCAB-01Insert data.Create a line, bar, and pie graph from data. EN3-VOCAB-01Use Sum and Average formulas.Copy and paste cells.Apply colour to rows, cells, and columns.Insert a border around cells.Create, duplicate, and delete page.Begin to use conditional formula |  |  |

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|  | **DRAWING (KIDPIX)** |
| **ICT****Learning Area** | **Year 5** | **Year 6** |  |  |
|  | **Typically, by the end of Year 5 students will be able to:** | **Typically, by the end of this Year 6 students will be able to:** |  |  |
|  |  |  | **ACTIVITY** | **ASSESSMENT** |
|  | Apply to all skills belowEN3-CWT-01Use the mouse to control the pencil, paint tools, paint bucket, spray can, to make basic 2D and 3D shapes. EN3-VOCAB-01Paint with 3D objects to make e.g. borders.Insert backgrounds, stickers, and stamps.Use Undo and erase.Add text. Add sound.Add voice.Change the colour and design of pre-formatted graphics.Make a slideshow to explain a concept.Animate 3D pictures. | Apply to all skills belowEN3-CWT-01Use the mouse to control the pencil, paint tools, paint bucket, spray can, to make basic 2D and 3D shapes. EN3-VOCAB-01Paint with 3D objects to make e.g. borders.Insert backgrounds, stickers, and stamps.Use Undo and erase.Add text. Add sound.Add voice.Change the colour and design of pre-formatted graphics.Make a slideshow to explain a concept.Animate 3D pictures. |  |  |

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|  | Examine the main components of common digital systems and how they may connect together to form networks to transmit data [(ACTDIK014 - Scootle )](http://www.scootle.edu.au/ec/search?accContentId=ACTDIK014)Examine how whole numbers are used to represent all data in digital systems [(ACTDIK015 - Scootle )](http://www.scootle.edu.au/ec/search?accContentId=ACTDIK015) |  |  |