**ICT Capabilities**  **MATHS**

|  |  |  |  |
| --- | --- | --- | --- |
| NSW Syllabus for the Australian Curriculum  **Stage 1** | **Content Strand** | **ICT Strand** | **ICT Activities** |
| Use computer software to draw a line and use a simple graphic as a uniform informal unit to measure its length | *Measurement/Geometry*  [***Length 2***](http://syllabus.bos.nsw.edu.au/mathematics/mathematics-k10/content/698) | **Communicating** |  |
| Use computer software to create a shape and use a simple graphic as a uniform informal unit to measure its area (Communicating) | *Measurement/Geometry*  [***Area 1***](http://syllabus.bos.nsw.edu.au/mathematics/mathematics-k10/content/699) | **Communicating** |  |
| Choose a variety of materials to represent three-dimensional objects, including digital technologies (Communicating) | *Measurement/Geometry*  [***3-Dimensional Space 2***](http://syllabus.bos.nsw.edu.au/mathematics/mathematics-k10/content/708) | **Communicating**  **Creating** |  |
| Use computer drawing tools to outline shapes embedded in a digital picture or design (Communicating) | *Measurement/Geometry*  [***2-Dimensional Space 1***](http://syllabus.bos.nsw.edu.au/mathematics/mathematics-k10/content/709) | **Communicating** |  |
| Draw and name two-dimensional shapes in different orientations, with/without the digital technologies | *Measurement/Geometry*  [***2-Dimensional Space 2***](http://syllabus.bos.nsw.edu.au/mathematics/mathematics-k10/content/710) | **Communicating** |  |
| Record the result of performing one-step slides and flips, with and without the use of digital technologies | *Measurement/Geometry*  [***2-Dimensional Space 2***](http://syllabus.bos.nsw.edu.au/mathematics/mathematics-k10/content/710) | **Communicating** |  |
| Copy and manipulate a shape using the computer functions for slide and flip (Communicating) | *Measurement/Geometry*  [***2-Dimensional Space 2***](http://syllabus.bos.nsw.edu.au/mathematics/mathematics-k10/content/710) | **Communicating** |  |
| Copy and manipulate a shape using the computer function for turn (Communicating) | *Measurement/Geometry*  [***2-Dimensional Space 2***](http://syllabus.bos.nsw.edu.au/mathematics/mathematics-k10/content/710) | **Communicating** |  |
| Create a path from one location to another using computer software (Communicating) | *Measure & Geometry*  [***Position 1***](http://syllabus.bos.nsw.edu.au/mathematics/mathematics-k10/content/711) | **Communicating**  **Creating** |  |
| Use digital technologies to create picture graphs (Communicating) | Statistics and Probability  [**Data 2**](http://syllabus.bos.nsw.edu.au/mathematics/mathematics-k10/content/636) | **Communicating**  **Creating** |  |

****