### Australian Curriculum

**General Capabilities**

**Numeracy**
- Using measurement
  - Estimate and measure with metric units
- Interpreting statistical information
  - Interpret data displays
- Using spatial reasoning
  - Visualise 2D shapes and 3D objects
  - Interpret diagrams

**ICT Capability**
- Managing and operating ICT
  - Select and use hardware and software
- Creating with ICT
  - Generate solutions to challenges and learning area tasks
- Communicating with ICT
  - Select and use appropriate ICT tools safely to share and exchange information and to safely collaborate with other.

**Literacy**
- Comprehending texts through listening, reading and viewing
  - Comprehend texts
  - Navigate, read and view learning area texts
  - Interpret and analyse learning area texts
- Composing texts through speaking, writing and creating
  - Compose spoken, written, visual and multimodal learning area texts
- Word Knowledge
  - Understand learning area vocabulary
- Visual Knowledge
  - Understand how visual elements create meaning

**Critical and Creative Thinking**
- Inquiring – identifying, exploring and organising information and ideas
  - Pose questions
  - Identify and clarify information and ideas
  - Organise and process information
- Reflecting on thinking and processes
  - Reflect on processes
- Generating ideas, possibilities and actions
  - Consider alternatives
  - Seek solutions and put ideas into action
  - Imagine possibilities and connect ideas
- Analysing, synthesising and evaluating reasoning and procedures
  - Apply logic and reasoning
  - Draw conclusions and design a course of action
  - Evaluate procedures and outcomes

### Digital Technologies Learning Area

<table>
<thead>
<tr>
<th>Strand</th>
<th>Content Description</th>
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<tbody>
<tr>
<td>Digital Technologies Knowledge and Understanding</td>
<td>Examine the main components of common digital systems and how they may connect together to form networks to transmit data (ACTDIG014)</td>
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<tr>
<td>Digital Technologies Processes and Production Skills</td>
<td>Acquire, store and validate different types of data, and use a range of software to interpret and visualise data to create information (ACTDIG016)</td>
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<td></td>
<td>Design a user interface for a digital system (ACTDIG018)</td>
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### Assessment and Reporting

**Assessment Tasks**

1. **Pre & Post Assessment**
   - Students complete an online Coding, knowledge and understanding, pre and post-test.

2. **Check in - Coding**
   - Students are provided with feedback on code programming and have two check in tasks for the syntax of Block and Python Code.

**Criteria**

**Pre and Post Test Marking**

(GTMJ) based on ACARA Digital Technologies

**Moderation**

**Moderation Process**

IMPACT Project Teachers share and analyse examples of work.

**Moderation Support Documents**

Guide to Making Judgements Overview

**Reporting**

1. Student assessment data is recorded.
2. Student Achievement and engagement data, along with report card comments can be provided to schools.