Stage 2 Digital Technologies (from 2019)

Evidence of Learning

The following assessment types enable students to demonstrate their learning in Stage 2 Digital Technologies.

School assessment (70%)

* Assessment Type 1: Project Skills (50%)
* Assessment Type 2: Collaborative Project (20%)

External assessment (30%)

* Assessment Type 3: Individual Digital Solution (30%).

Students should provide evidence of their learning through six assessments, including the external assessment component. Students undertake:

* *four* project skills tasks
* *one* collaborative project
* *one* individual digital solution.

| ***Assessment Type 1:***  ***Project Skills*** | ***Assessment Type 2:***  ***Collaborative Project*** | ***Assessment Type 3:***  ***Individual Digital Solution*** |
| --- | --- | --- |
| Students produce *four* project skills tasks in which they examine approaches to identifying, deconstructing, and solving problems of interest by applying:   * computational thinking skills, including abstraction * data analysis skills * design and programming skills * iterative project-development techniques. | Students apply their learning about iterative project development to create a digital solution through a collaborative project.  Each student presents individual evidence of their contribution to the project. | Students apply iterative project techniques to independently identify, deconstruct, and solve a problem of interest by creating and evaluating a digital solution or prototype. |
| The tasks should be presented in multimodal form. Together, the four tasks should be the equivalent in multimodal form of a maximum of 20 minutes. | The digital solution should be no more than 1 GB.  The explanation and evaluation should be up to 5 minutes per student. | The digital solution or prototype should be no more than 1 GB.  The designer’s statement should be a maximum of 3 minutes if oral, 500 words if written, or the equivalent if multimodal. |
| For this assessment type, students provide evidence of their learning primarily in relation to the following assessment design criteria:   * computational thinking * development and evaluation * research and ethics | For this assessment type, students provide evidence of their learning primarily in relation to the following assessment design criteria:   * computational thinking * development and evaluation | The following specific features of the assessment design criteria for this subject are assessed in Assessment Type 3: Individual Digital Solution:   * computational thinking — CT1, CT2, CT4 * development and evaluation — DE1, DE2, DE3 |