

### Criterion C: Plan

Maximum 5

Students are expected to construct a plan to create their chosen product/solution that has a series of logical steps, and that makes effective use of resources and time.

Students are expected to evaluate the plan and justify any modifications to the design.

Achievement level	Grade 6-8 Descriptor
0	The student does not reach a standard described by any of the descriptors given below.
1–2	The student creates a plan that has <b>some details</b> of the steps and/or the resources required.
3–4	The student creates a plan that has a number of <b>understandable</b> steps that include resources and time. The student makes some attempt to evaluate the plan.
5–6	The student produces a plan that has a number of <b>detailed, understandable</b> steps that describe the use of resources and time. The student evaluates the plan and gives reasons for changes necessary changes in the design specification.

### Criterion D: Create

Maximum 6

Students are expected to document, ~~with a series of photographs or a video and a dated record,~~ the process of making their product/solution, including when and how they use tools, materials and techniques. Students are expected to follow their plan, to evaluate the plan and to justify any changes they make to the plan while they are creating the product/solution.

Students will sometimes embark upon a very ambitious project, or they may encounter unforeseen circumstances. In some circumstances a product/solution that is incomplete or does not function fully can still achieve one of the levels awarded for this criterion.

Achievement level	Grade 6-8 Descriptor
0	The student does not reach a standard described by any of the descriptors given below.
1–2	The student considers the plan and creates at least <b>part</b> of a product/solution.
3–4	The student <b>uses</b> appropriate skills and techniques. The student follows the plan and <b>states</b> any modifications made, resulting in a product/solution of <b>good</b> quality.
5–6	The student uses appropriate techniques and equipment well. The student follows the plan and <b>gives reasons</b> for any modifications made, resulting in a product/solution of <b>appropriate</b> quality.

**Appropriate quality:** This is the best product/solution that the student can produce, taking into account the resources available, the skills and techniques they have used, their educational development, how the product/solution addresses the identified need, and aspects of safety and ergonomics.