Authentication record form: VCE Product Design and Technologies School-assessed Task 2024

This form must be completed by the class teacher. It provides a record of the monitoring of the student’s work in progress for authentication purposes. This form is to be retained by the school and filed.
It may be collected by the VCAA as part of its School-based Assessment Audit.

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Student name ………………………………………………………………………………. Student No.

School…………………………………………………………………………………………Teacher ……………………………………..…………………………………………….

| **Criteria for School-assessed Task** | **Indicators** | **Date observed/ submitted** | **Authentication issues/comments** | **Teacher’s initials** | **Student’s initials** |
| --- | --- | --- | --- | --- | --- |
| **1. Skill in conducting and using research to develop the design brief and criteria** | * Identifies research methods
 |  |  |  |  |
| * Conducts ethical research
 |  |
| * Uses research findings
* Uses factors that influence design
 |  |
| * Identifies design problem that is informed by an ethical consideration
 |  |  |  |
| * Formulates design brief, including end user profile and project scope
 |  |  |  |
| * Develops criteria
 |  |
| * Works technologically
 |  |
| **2. Skill in gathering, using and interpreting research and using design thinking to develop graphical product concepts** | * Gathers and uses research to develop product concepts
	+ research informs visualisatons
	+ working drawings based on visualisations
	+ graphical product concepts based on working drawings
 |  |  |  |  |
| * Uses design thinking strategies to demonstrate creative thinking
 |  |
| * Uses design thinking strategies to demonstrate critical thinking
 |  |
| * Uses design thinking strategies to demonstrate speculative thinking
 |  |
| * Acknowledges intellectual property
 |  |
| **3. Skill to undertake tests, experimentation techniques and trial processes** | * Uses ethical research methods
 |  | *(References materials/processes research, testing and trialling)* |  |  |
| * Gathers quantitative data
	+ by undertaking tests, experimentation techniques and trial processes
 |  |  |  |
| * Gathers qualitative data
	+ by undertaking tests, experimentation techniques and trial processes
 |  |  |  |
| **4. Skill to use research and end user(s) feedback to develop final proof of concept** | * Uses research data, including end user(s) feedback
 |  |  |  |  |
| * Develops prototypes
 |  |  |  |
| * Designs and refines physical product concepts
 |  |  |  |
| * Selects chosen product concept
 |  |  |  |
| * Develops final proof of concept
 |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **5. Skill in preparing a scheduled production plan and using design thinking to select technologies to make an ethical product safely** | * Plans for production
	+ develop a scheduled production plan
 |  | *(Note: all outsourced processes must be acknowledged)*  |  |  |
| * Uses design thinking to select materials, tools and processes
	+ critical thinking
 |  |  |  |
| * Identifies impacts on individuals, society, economy and/or environment
	+ (speculative thinking)
 |  |  |  |
| * Assesses risks and records safety control measures.
 |  |  |  |
| **6. Skill in the application of appropriate technologies and risk management** | * Follows scheduled production plan
	+ implements scheduled production plan
	+ documents processes of scheduled production plan
 |  | *Note: at least three observations of production work needs to be documented and inc. plant and equipment risk management forms if appropriate)* |  |  |
| * Uses appropriate technologies
 |  |  |  |
| * Demonstrates risk management
 |  |  |  |
| * Responds to and uses end user(s) feedback
 |  |  |  |
|  |  |
|  | * Demonstrates technacy
 |  |  |  |  |
| **7. Skill in project management in developing an innovative, ethical product­­­­­­­** | * Produces an innovative, ethical product
 |  |  |  |  |
| * Produces a product that reflects final proof of concept and documented modifications
 |  |  |  |
| * Works technologically to demonstrate time management
	+ makes an ethical product
 |  |  |  |
| **8. Skill in documenting record of progress and justifying decisions and modifications in realising the final proof of concept** | * Develops a multimodal record of progress
 |  |  |  |  |
| * Docurments decisions made including responses to end user(s) feedback and modifications made in implementation of scheduled production plan
 |  |  |  |  |

Please retain the Authentication record form. It may be requested as part of the School-based Assessment Audit.

I declare that all resource materials and assistance used have been acknowledged and that all unacknowledged work is my own.

Student signature …………………………………………………………………… Date ………………