



Guidance for the 2026 SACE Design, Technology and Engineering Showcase of Student Work

Purpose of the Showcase

The Design, Technology and Engineering (DTE) Showcase of Student Work highlights student learning and achievement and provides examples of the breadth and quality of work possible within the subject. The showcase celebrates student achievement, supports teaching and learning, and inspires future students by demonstrating what can be created and achieved through DTE.

Submission requirements

By submitting work, schools confirm that:

- the work is the student's original work
- any required permissions and consent processes have been completed
- the student owns, or has permission to use, any third-party material included in the submission
- the content is suitable for publication on a public website and appropriate for a general audience, including children, families, schools and community members.
- The content does not contain personal information
- the submission complies with the requirements outlined in this document.

The SACE Board reserves the right to request changes to submissions, decline submissions, or remove published content that does not meet these requirements.

Naming files

Please name all files with the subject code and student's name

e.g. DCS_Marcus_Aurelius_permission form
DCS_Marcus_Aurelius_PowerPoint
DCS_Marcus_Aurelius_Video

Submitting the files

All files must be submitted using the [permission form SnapForm](#).

Submission materials

Please provide the following:

1. A completed permission form, including:

- Student name
- Student SACE ID number
- School name
- Which DTE course they studied
- Product description/category
- A patent declaration
- An acknowledgement of permission signed by the student and teacher



AND

2. Either:

- a) A submission **PowerPoint file** of maximum 5 slides, including:
 - o Students name; DTE Course; Specialisation; Product description.
 - e.g. *Marcus Aurelius: IES; Industrial Design; Perpetual motion machine*
 - o Slide 1
 - o A design brief (maximum 50 words)
 - o Slides 2 and 3
 - o Two (max) images of the student's design work
 - o Slides 4 and 5
 - o Two (max) images of the product/outcome
 - o *NOTE: Do not apply any of PowerPoint's 'design' features.*

(see appendix 1 for examples)

OR

- b) A submission **Video file**
 - o Max length: 90 seconds
 - o File format: MP4
 - o Max file size 100 MB

NOTE: Please ensure your video resolution is set to 1080p before exporting to keep the file under 100 MB

2a. PowerPoint file

Slide Header (for all slides)

This should include the *Students name; DTE course; Specialisation; Product description* identifies the context of the outcome.

DTE course: DCS, IES, MRS or RES

Specialisation e.g. Fashion design; Product design; Robotics; Digital communication; Furniture design.

Product description e.g. Water filtration backpack; Search and rescue robot; Powerlifter snack product; Alarm system for elderly; Multi-generational living space; Educational Toy.

The design brief statement (slide 1)

This is a brief statement written at the start of the design and realisation task that outlines the relevant parameters of the problem to be solved and provides a notion of the expected outcome.

Students design work (slides 2 and 3)

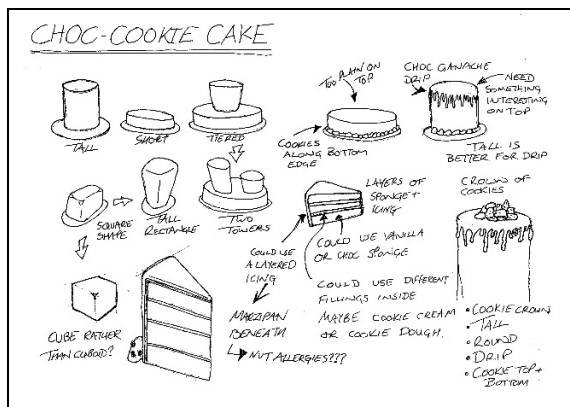
Please include design work that shows some of the student's design concepts. Include images that show how the design concept was developed from an initial idea to the final idea chosen for production into the outcome.

Only include the students' work. DO NOT include materials sourced from the internet e.g. inspirational images, examples of existing products. If these are included, they will be modified, replaced or removed.

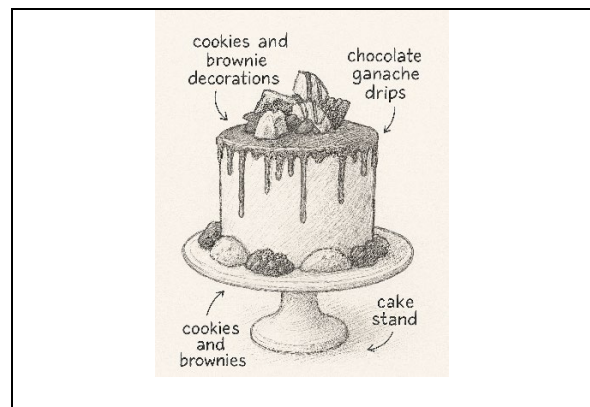
For example, student design work could include:

Initial ideas	Development sketches	Technical details
Brainstorming sketches	Refined concept drawings	Recipe and method
Mind maps or concept maps	Annotated design iterations	Layout and visual hierarchy
Thumbnail sketches	Material and process exploration	Presentation drawings/rendering
Palettes, patterns, typography	Feedback from peers/users	CAD models and prototypes
Product analysis	Storyboards/user journey maps	Assembly or exploded diagrams
Silhouettes and style sketches	Models, mock-ups, test batches	Orthographic/isometric drawings
Plating ideas	Ingredients exploration	Packaging and labelling
Personae or target market data	Sensory testing and outcomes	Material lists and specifications
User needs and constraints	Branding concept development	Final patterns and layout plans
Functional block diagrams	Development of details	Schematic/ PCB diagrams

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Example slide 2: Cake initial ideas



Example slide 3: Cake presentation drawing

Product/outcome (slides 4 and 5)

Please include images of the product/outcome. Ideally, you will include an image that shows the product/outcome in its entirety and other images that highlight certain features.

Each slide can include more than one image, but please be mindful that the more images you include, the smaller they will appear on the website.

For example, you may include an image of a decorated cake on one slide, and on the second slide include an image of the cake with a slice taken from it, revealing the internal structure. Also on slide 2, you could include a close-up image of the intricate chocolate decoration on the top, and the complex icing patterns around the edge.



Example slide 4: Cake



Example slide 5: Cake details

Students should not create any additional materials but draw from materials they have produced as part of their project work.

Please ensure all images are cropped and sufficient quality for web publication (at least 2000 pixels wide). Please check all files before submission.

2b. Video

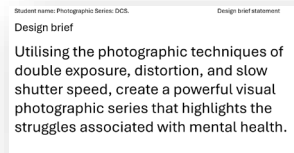
The video file should show details of the product/outcome. Videos can be of a physical product, or a digital animation if the product is digital.

Examples of videos from previous years can be found on previous [DTE Showcase Galleries](#)

Appendix 1: Example slides for the submission PowerPoint file

EXAMPLE 1

Slide 1 – Design brief



Slide 2 – Design development



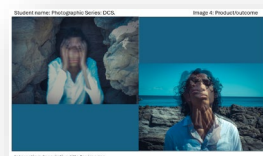
Slide 3 – Design development



Slide 4 – Product/Outcome

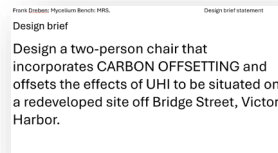


Slide 5 – Product/Outcome

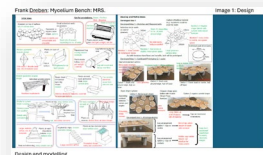


EXAMPLE 2

Slide 1 – Design brief



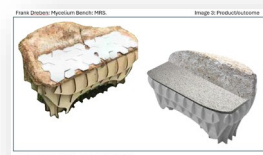
Slide 2 – Design development



Slide 3 – Design development



Slide 4 – Product/Outcome



Slide 5 – Product/Outcome

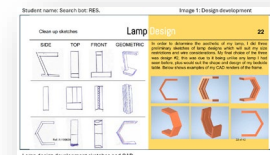


EXAMPLE 3

Slide 1 – Design brief



Slide 2 – Design development



Slide 3 – Design development



Slide 4 – Product/Outcome



Slide 5 – Product/Outcome

