

WORKSHOP OUTLINE 5 OF 6 – COMMUNICATING YOUR DESIGN

INTRODUCTION

Design Ventura workshop outlines have been created to support teachers in delivering the project to their students. They are intended to support the major milestones within the project. We use the term ‘workshop’ instead of ‘lesson’ to encourage a creative and enterprising learning environment. We encourage teachers to edit the outlines according to the time available and the learning needs of the class. Suitably broad learning objectives and student success criteria have been outlined for this purpose. Assessment opportunities have been highlighted in the right-hand column.

All activities are suitable for use with Key Stage 3 and Key Stage 4 students, with further suggestions included for more in depth learning at Key Stage 4. All content has been developed in line with national curriculum and 2017 GCSE subject content guidelines.

WORKSHOP FOCUS:

The focus of this session is to provide students with support as they begin to communicate their developed designs and to complete the product prototype.

TIME REQUIREMENTS:

This workshop is planned for one double lesson (90-120 minutes), but can be easily adapted to suit individual needs by omitting activities.

SESSION OUTLINE:

Session Aims	<ul style="list-style-type: none"> • Provide students with a range of techniques to communicate their designs and design thinking • Provide insights into the professional presentation of design • Support the development of students’ presentation and pitching skills
Learning Objectives	<ul style="list-style-type: none"> • Know how to evaluate designing and feedback to generate final product designs • Know how to use a number of methods and techniques to communicate the final design • Know how to plan and deliver a professional pitch
Student success criteria	<ul style="list-style-type: none"> • Teams agree on the final designs for their product • Students work collaboratively to create a series of presentation drawings to explain their design and how it meets the needs of the user • Students work collaboratively to create a high quality pitch
Employability Skills	Communication Collaborative working Problem solving Planning and organising Self-management
Design Ventura resources	Design Ventura Top Tips for Pitching – Chris Ruse, Deutsche Bank https://vimeo.com/album/2853680/video/54609271 Design Ventura pitch template https://ventura.designmuseum.org/resources/design-ventura-pitch-template/ 3 Minute Pitch Planner

	https://ventura.designmuseum.org/resources/3-minute-pitch-planner/ Class pitch guidelines https://ventura.designmuseum.org/resources/class-pitch-guidelines/
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	Assessment opportunities + curriculum links
1. Introduction	
Introduction to the session, outlining aims of the session and expected outcomes. Students should be sitting with their teams.	

2. Final design decisions	
Using their own evaluation of the prototype and the feedback generated from user testing, teams should agree on improvements and modifications and arrive at the final product idea. If necessary, another prototype could be manufactured to take account of any modifications to the design. Key stage 4: Ask students to produce a technical specification for the product.	Student work Questioning Peer feedback

3. Communicating designs	
Explain and give examples of professional presentation of design ideas. What methods do designers use to present product designs to clients? What are the advantages of each method? Why is more than one method often used? Ask students to note down the essential information that they will need to convey in their presentation of their ideas. Remind students that they are taking part in a competition and that the use of visual communication is an important tool in explaining and describing their design. Communicating product information Give each team a product from the Handling Collection. If they were presenting this product to a client, what would they need to explain about it? Ask teams to identify the key information about their product that should be explained to the client – the Design Museum Shop. Ask teams to mind map the methods they could use to communicate this information in their presentation sheets. Design Ventura presentation requirements The Ventura competition requires teams to produce three A3 visualisation sheets to present the design process. Included in the presentation should be:	Student work

<ul style="list-style-type: none"> • A bit about the team • Research findings • Idea generation – initial ideas and how the design was developed • The final design – prototype and product description • Manufacturing processes • The sustainability credentials of the product • Business plan – costings and target audience • Marketing campaign <p>Students should work on the presentation pages, with each team member taking responsibility for part of the presentation. The presentation should tell the story of the team’s design process.</p> <p>Research findings Students should summarise the key points from their research, including information that is relevant to how their product was developed. This page could include information about the materials selection, how the product meets the needs of the user, how the product would be manufactured and the sustainability credentials of the product.</p> <p>Idea generation This section should show how the product was developed from an initial idea into a marketable product. This page should include images and a description of the final product.</p> <p>Business plan and marketing This section should show the costings of the product, explaining how it can be manufactured within budget and how it is able to make a profit. The marketing and branding plan should be explained, with information about how the product can be marketed to the target audience.</p> <p>Students could use a number of techniques to present their designs. These could include hand drawn sketches and isometric drawings, CAD drawings, detailed drawings of any complex parts of the product or exploded drawings.</p> <p>Images of the product prototype should be used, with annotation to explain aspects of the design in more detail or feedback gathered from user testing.</p> <p>Presentation sheets can be either hand drawn and scanned or created digitally.</p>	
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<p>4. Preparing the pitch</p> <p>Remind the group that the Ventura competition requires teams to pitch their ideas to a panel of judges. Show students the Top Tips for Pitching film on the Design Ventura website https://vimeo.com/album/2853680/video/54609271. You could also show them a clip of a Dragon’s Den style pitch. As them to make their own list of top tips about pitching.</p> <p>Students should develop a short pitch for their product. They</p>	
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<p>could follow this template:</p> <ul style="list-style-type: none"> • We are... (introduce yourselves) • Our product is...(give your product a name and explain what it is) • Our target audience is... • We think they'll like our product because... • We plan to manufacture our product by ... • We can reach our target audience through the following marketing... • Our product will minimise harm to the planet and encourages sustainability because... • We think we can make a profit because... • We think the judges should choose us because... <p>Students should practice their pitch as a team. It is important to allocate a section of the pitch to every team member so that everyone is involved.</p>	
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5. Practice pitching session	
<p>Each team should present their response to the Ventura brief in a short pitch (3 mins or less). Students should then be encouraged to ask constructive questions or make suggestions about ways that the ideas can be developed before the final competition.</p>	<p>Teacher/peer questioning and feedback</p>

6. Next steps	
<p>Teams should now be reminded about any final work to complete (e.g. competition entry form and visualisation sheets) as well as the process that will be used to select one team to represent the school in Design Ventura competition.</p> <p>Only one team per school can enter the final competition so we recommend that each school runs its own pitching event with judges who can use our criteria to select a team.</p> <p>The Class Pitch Guidelines https://ventura.designmuseum.org/resources/class-pitch-guidelines/ provides further information about running the pitching event.</p>	

7. Competition entry for the winning team	
<p>The winning team in your school should be supported to complete the entry form.</p>	