

Developing Ideas

<p>Develops detailed design specifications, which explain the success criteria for the design of a solution based on the analysis of the research</p> <p><i>(Develop - To improve incrementally, elaborate or expand in detail. Evolve to a more advanced or effective state)</i></p> <p>Develops a range of feasible design ideas, using an appropriate medium(s) and detailed annotation</p> <p>A range is more than 3. To reach a level 7, you should have at least 5.</p> <p>You may want to add your drawing as extra pages to this template because the space provided is not enough.</p> <p>You might include:</p> <ul style="list-style-type: none"> • The exact size and shape of individual components • The required and/or available materials • How the components fit together to create the whole • The required and/or available tools and equipment • Aesthetics (colour, texture, shape, form, line, balance, finish) • How the user will interact with the solution • Aspects relating to safety and accessibility. • Font types used • Length of the movie • Types of music • Components that make up its elements • Links to it • Social interactivity • Durability 	Overall design idea 1	
	Every aspect of a specification must be: Specific & Realistic specification 1	How will you test this Specification?
	Specific & Realistic specification 2	How will you test this Specification?
	Specific & Realistic specification 3	How will you test this Specification?
	Specific & Realistic specification 4	How will you test this Specification?
	Specific & Realistic specification 5	How will you test this Specification?
	Specific & Realistic specification 6	How will you test this Specification?
	Specific & Realistic specification 7	How will you test this Specification?
	Specific & Realistic specification 8	How will you test this Specification?

<p>Develops detailed design specifications, which explain the success criteria for the design of a solution based on the analysis of the research</p> <p><i>(Develop - To improve incrementally, elaborate or expand in detail. Evolve to a more advanced or effective state)</i></p> <p>Develops a range of feasible design ideas, using an appropriate medium(s) and detailed annotation</p> <p>A range is more than 3. To reach a level 7, you should have at least 5.</p> <p>You may want to add your drawing as extra pages to this template because the space provided is not enough.</p> <p>You might include:</p> <ul style="list-style-type: none"> • The exact size and shape of individual components • The required and/or available materials • How the components fit together to create the whole • The required and/or available tools and equipment • Aesthetics (colour, texture, shape, form, line, balance, finish) • How the user will interact with the solution • Aspects relating to safety and accessibility. • Font types used • Length of the movie • Types of music • Components that make up its elements • Links to it • Social interactivity • Durability 	Overall design idea 2	
	Every aspect of a specification must be: Specific & Realistic specification 1	How will you test this Specification?
	Specific & Realistic specification 2	How will you test this Specification?
	Specific & Realistic specification 3	How will you test this Specification?
	Specific & Realistic specification 4	How will you test this Specification?
	Specific & Realistic specification 5	How will you test this Specification?
	Specific & Realistic specification 6	How will you test this Specification?
	Specific & Realistic specification 7	How will you test this Specification?
	Specific & Realistic specification 8	How will you test this Specification?

<p>Develops detailed design specifications, which explain the success criteria for the design of a solution based on the analysis of the research</p> <p><i>(Develop - To improve incrementally, elaborate or expand in detail. Evolve to a more advanced or effective state)</i></p> <p>Develops a range of feasible design ideas, using an appropriate medium(s) and detailed annotation</p> <p>A range is more than 3. To reach a level 7, you should have at least 5.</p> <p>You may want to add your drawing as extra pages to this template because the space provided is not enough.</p> <p>You might include:</p> <ul style="list-style-type: none"> • The exact size and shape of individual components • The required and/or available materials • How the components fit together to create the whole • The required and/or available tools and equipment • Aesthetics (colour, texture, shape, form, line, balance, finish) • How the user will interact with the solution • Aspects relating to safety and accessibility. • Font types used • Length of the movie • Types of music • Components that make up its elements • Links to it • Social interactivity • Durability 	Overall design idea 3	
	Every aspect of a specification must be: Specific & Realistic specification 1	How will you test this Specification?
	Specific & Realistic specification 2	How will you test this Specification?
	Specific & Realistic specification 3	How will you test this Specification?
	Specific & Realistic specification 4	How will you test this Specification?
	Specific & Realistic specification 5	How will you test this Specification?
	Specific & Realistic specification 6	How will you test this Specification?
	Specific & Realistic specification 7	How will you test this Specification?
	Specific & Realistic specification 8	How will you test this Specification?

<p>Develops detailed design specifications, which explain the success criteria for the design of a solution based on the analysis of the research</p> <p><i>(Develop - To improve incrementally, elaborate or expand in detail. Evolve to a more advanced or effective state)</i></p> <p>Develops a range of feasible design ideas, using an appropriate medium(s) and detailed annotation</p> <p>A range is more than 3. To reach a level 7, you should have at least 5.</p> <p>You may want to add your drawing as extra pages to this template because the space provided is not enough.</p> <p>You might include:</p> <ul style="list-style-type: none"> • The exact size and shape of individual components • The required and/or available materials • How the components fit together to create the whole • The required and/or available tools and equipment • Aesthetics (colour, texture, shape, form, line, balance, finish) • How the user will interact with the solution • Aspects relating to safety and accessibility. • Font types used • Length of the movie • Types of music • Components that make up its elements • Links to it • Social interactivity • Durability 	Overall design idea 4	
	Every aspect of a specification must be: Specific & Realistic specification 1	How will you test this Specification?
	Specific & Realistic specification 2	How will you test this Specification?
	Specific & Realistic specification 3	How will you test this Specification?
	Specific & Realistic specification 4	How will you test this Specification?
	Specific & Realistic specification 5	How will you test this Specification?
	Specific & Realistic specification 6	How will you test this Specification?
	Specific & Realistic specification 7	How will you test this Specification?
	Specific & Realistic specification 8	How will you test this Specification?

<p>Develops detailed design specifications, which explain the success criteria for the design of a solution based on the analysis of the research</p> <p><i>(Develop - To improve incrementally, elaborate or expand in detail. Evolve to a more advanced or effective state)</i></p> <p>Develops a range of feasible design ideas, using an appropriate medium(s) and detailed annotation</p> <p>A range is more than 3. To reach a level 7, you should have at least 5.</p> <p>You may want to add your drawing as extra pages to this template because the space provided is not enough.</p> <p>You might include:</p> <ul style="list-style-type: none"> • The exact size and shape of individual components • The required and/or available materials • How the components fit together to create the whole • The required and/or available tools and equipment • Aesthetics (colour, texture, shape, form, line, balance, finish) • How the user will interact with the solution • Aspects relating to safety and accessibility. • Font types used • Length of the movie • Types of music • Components that make up its elements • Links to it • Social interactivity • Durability 	Overall design idea 5	
	Every aspect of a specification must be: Specific & Realistic specification 1	How will you test this Specification?
	Specific & Realistic specification 2	How will you test this Specification?
	Specific & Realistic specification 3	How will you test this Specification?
	Specific & Realistic specification 4	How will you test this Specification?
	Specific & Realistic specification 5	How will you test this Specification?
	Specific & Realistic specification 6	How will you test this Specification?
	Specific & Realistic specification 7	How will you test this Specification?
	Specific & Realistic specification 8	How will you test this Specification?

Design Specification EXAMPLES

DO NOT necessarily use these as your example for any design

Aesthetics	Consider appearance, style, colour, shape/form, texture, pattern, finish, layout.
Cost	Is there a maximum cost? Is this a material cost/time cost/selling cost?
Customer	Who it is for? What is the target user's age, gender, socio-economic background?
Environmental considerations	Where will the solution be used? How will the design directly or indirectly affect the environment?
Function	What it must do? What is its purpose? Where will the product be stored? How easily can it be used/maintained?
Manufacturing	What resources are available? Are there limitations as to how this can be created? How much time is needed to create the design?
Materials	What materials are available? What properties do the materials need to have?
Safety	What safety factors need to be incorporated into the design?
Size	Are there any specific sizes that need to be considered? What "human factors" need to be considered? What anthropometric data needs to be considered?

Poor and Good EXAMPLES

Poor examples of a design specification	Good examples of a design specification
My storage device must look good/nice. The interface must look attractive.	The storage device must contrast with the furnishings of the room; so bright colours such as red, yellow and orange would work really well. The interface must appeal to my target audience; whose favourite colours are hot pink and deep purple.
It must work well. It must function correctly.	The clock must display the time accurately. The clock must have a method to hang it on the wall. The storage device must store my jewellery collection (list the specific types of jewellery and quantity) 10 rings, 5 bracelets and 10 pendants. All information on the web page must be accessible using 3 clicks or less.
My storage device must be the right size.	My storage device must be able to hold 20 pencils that are 170mm long and 8mm in diameter. The images on the web page must be clear and visible when viewing from 50cm from the screen.
My animation should be fun.	My Flash animation should contain animated graphics that carry the meaning of the song included, sing-along with bouncing dots and appropriate typography (Sassoon Primary or similar.)
My video must include music.	My video must include up-beat, hip-hop style music.
My video must not be too long.	My video must be last at least 1 minute and no more than 2 minutes.