



Worksheets

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Designer maker

Form

Date

Writing a design brief



It is a ...

It will be used by ...

It will be sold at shops like ...

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Date

Writing a specification



What it should do

What it should look like

Other requirements

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Date

Understanding what keeps you back

You can use this chart to work out what keeps you back.

Fill it in at the end of a Capability Task.

Usenotes, drawings or stickers.

Use it when you talk to your teacher about getting better at design and technology.

STOP!

What held me up?



GO!

How did I overcome it?



HELP!

When did I need it?



YES!

How did I get it?



BORING!

When do I lose interest?



ENJOY!

How do I get it back?



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Date

Attribute analysis

Name of the product	

Use this attribute table to get ideas for a resistant material product.

what it does	how it works	size	shape	material	style	cost

Use this attribute table to get ideas for a food product.

size	shape	flavour	texture	nutrition	image	cost

Use this attribute table to get ideas for a textiles product.

where is it worn?	when is it worn?	size	shape	material	style	cost

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Date

First review

Look at the specification for your design.

For each of your design ideas answer these questions:

Idea

Will it do what it is supposed to?

Will it work?

Is it a practical proposition?

Any idea that doesn't get a YES to all three questions needs to be changed or discarded.

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Form

Date

Second review

Look at the specification for your design.

For each of your design ideas answer these questions:

Will it do what it is supposed to?

Will it cost too much?

Have I got what I need to make the design?

Have I got time to make the design?

Designer maker	Form	Date
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Third review 1 — Evaluation against specification

Look at the specification.

Answer each of the following questions giving reasons for your answers:

Does your product do what it was designed to do?

Does your product look like it is supposed to look?

Does your product meet the other requirements?

Third review 2 — Winners and losers

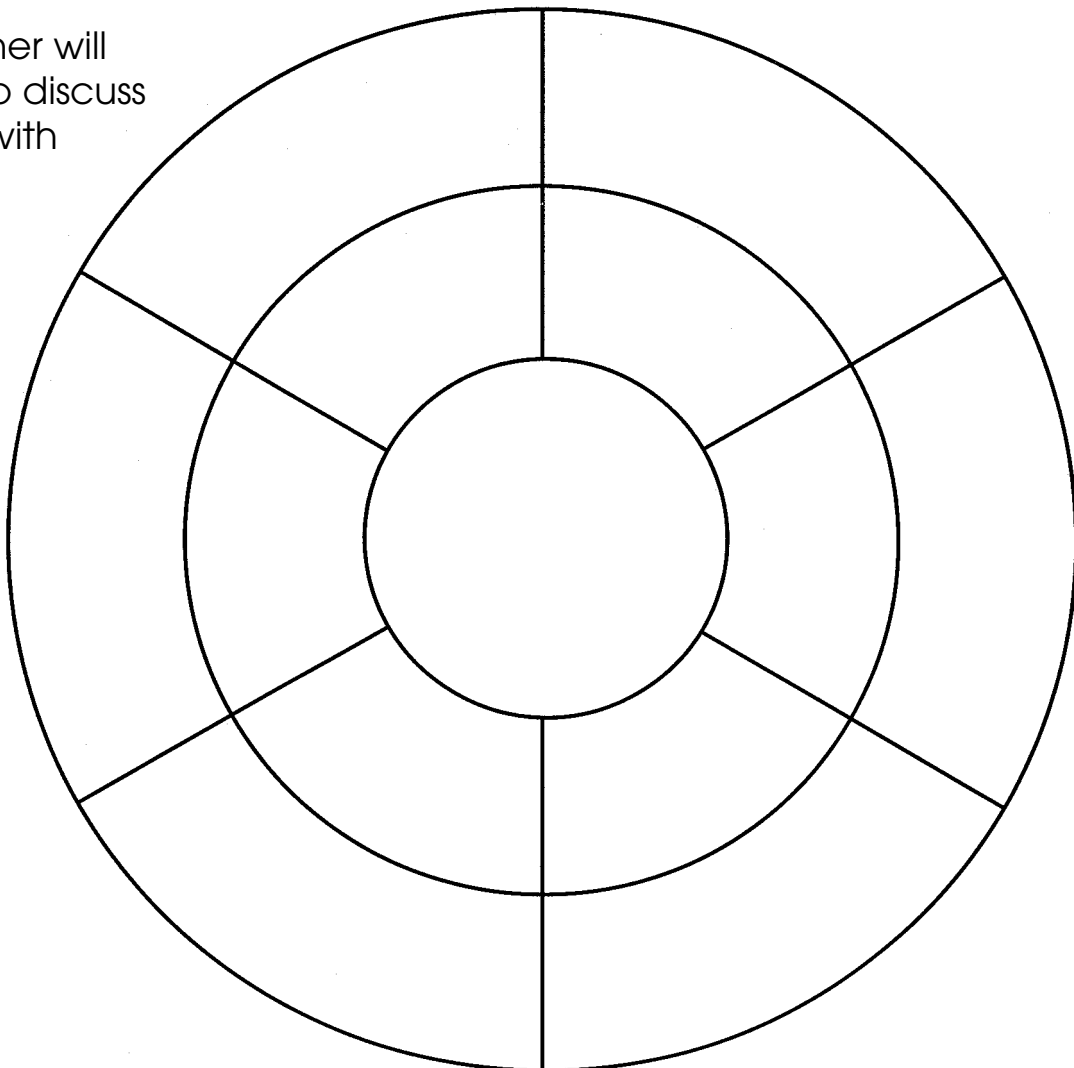
Write the name of the product in the middle.

Write the names of those indirectly affected in the second ring.

Write the names of those directly affected in the first ring.

Colour losers in one colour and winners in another colour.

Your teacher will help you to discuss the chart with others in your class.



Designer maker

Form

Date

Third review 3 — Appropriateness

Answer the following questions to check whether a technology or a product is appropriate.

Name of the technology or product	
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Question	Your answer
Is it what the people need and want?	
Does the raw material need to be transported?	
Do local people make it near where they live?	
Can the people afford to buy, run and maintain it?	
Are jobs created, or people made redundant?	
Does it improve people's lives?	
What fuels does it use?	
Does it fit in with the way people live?	
Does it damage or improve the environment?	
Does it need outside experts?	

Designer maker

Form

Date

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Cut and paste text for your own worksheets

Designer maker

Form

Date

My collection

My interview

My records

Our brainstorm

My first ideas

My annotated sketches

My 3D models

My presentation drawing

My working drawing

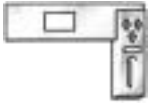



















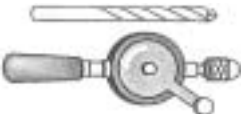




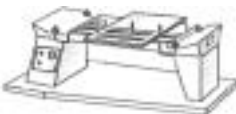




My stages of making

My final product

How this helped me in my designing

From this I have learned

Clip art for My making skills

				
try square	marking gauge	card template	scriber	engineers square
				
odd leg callipers	woodwork vice	metalwork vice	G cramp	machine vice
				
tenon saw	hack saw	abra file	coping saw	tin snips
				
plane	rasp	surform	flat file	round file
				
hand drill and twist drills	brace and twist bits	chisel	pillar drill with flat bit	pillar drill and twist drills
				
strip heater	vacuum former	folder bars	sandbag and mallet	milling machine