

# **KS3 ASSESSMENT**

Design & Technology Textiles BRAMHALL HIGH SCHOOL

Acquiring	Developing	Secure	Mastered
Is beginning to acquire the necessary knowledge for the topic(s)	Is developing the knowledge necessary to understand the	Understands the topic and is able to make links using the knowledge	Fully understands the topic and is able to confidently link knowledge.
<ul> <li><b>DESIGN:</b> <ul> <li>Basic research of existing textiles products.</li> <li>An attempt to identify the needs of user.</li> <li>Limited specification to inform the design of functional and appealing products.</li> <li>Basic approaches to generate ideas.</li> <li>Limited developed ideas lacking in annotation, sketches and basic plans.</li> </ul> </li> <li>MAKE: <ul> <li>Basic use of specialist textiles tools, techniques, processes, equipment and machinery.</li> <li>Limited use of a range of textiles materials and</li> </ul> </li> </ul>	<ul> <li>DESIGN:</li> <li>-Adequate research and exploration of existing textiles products.</li> <li>- Adequate identification of the needs and wants of user.</li> <li>- Sufficient specification to inform the design of functional and appealing products.</li> <li>- Adequate approaches to generate ideas and avoid stereotypical responses.</li> <li>- Adequate developed ideas using annotated sketches and plans.</li> </ul>	DESIGN: -Good research and exploration of existing textiles products. - Good identification of the needs and wants of user. - Detailed specification to inform the design of functional and appealing products. - A variety of approaches to generate good ideas and avoid stereotypical responses. - Effective developed ideas using annotated sketches and plans. MAKE: - Good use of specialist textiles tools, techniques,	<ul> <li>DESIGN:</li> <li>-Exceptional research and exploration of existing textiles products.</li> <li>Thoroughly identified the needs and wants of user.</li> <li>Detailed &amp; justified specification to inform the design of innovative, functional and appealing products.</li> <li>A variety of approaches to generate innovative ideas and avoid stereotypical responses.</li> <li>Imaginative developed ideas using annotated sketches and detailed plans.</li> </ul>
	Is beginning to acquire the necessary knowledge for the topic(s) DESIGN: -Basic research of existing textiles products. - An attempt to identify the needs of user. - Limited specification to inform the design of functional and appealing products. - Basic approaches to generate ideas. - Limited developed ideas lacking in annotation, sketches and basic plans. MAKE: - Basic use of specialist textiles tools, techniques, processes, equipment and machinery. - Limited use of a range of	Is beginning to acquire the necessary knowledge for the topic(s)Is developing the knowledge necessary to understand the topicDESIGN: - Basic research of existing textiles products. - An attempt to identify the needs of user. - Limited specification to inform the design of functional and appealing products. - Basic approaches to generate ideas. - Limited developed ideas lacking in annotation, sketches and basic plans.Is developing the knowledge necessary to understand the topicMAKE: - Basic use of specialist textiles tools, techniques, processes, equipment and machinery. - Limited use of a range of textiles materials andIs developing the knowledge necessary to understand the topicDESIGN: - Adequate research and exploration of existing textiles products. - Adequate ideation to inform the design of functional and appealing products. - Adequate approaches to generate ideas and avoid stereotypical responses. - Adequate use of specialist textiles tools, techniques, processes, equipment and machinery. - Limited use of a range of textiles materials andIs developing the knowledge necessary to understand the copicNAKE: - Adequate ideatification to inform the design of functional and appealing products. - Adequate approaches to generate ideas and avoid stereotypical responses. - Adequate use of specialist textiles tools, techniques, processes, equipment and	Is beginning to acquire the necessary knowledge for the topic(s)Is developing the knowledge necessary to understand the topicUnderstands the topic and is able to make links using the knowledgeDESIGN: -Basic research of existing textiles products. - An attempt to identify the needs of user.DESICN: -Adequate research and exploration of existing textiles products. - Adequate identification of the needs and wants of user.DESICN: -Good research and exploration of existing textiles products. - Detailed specification to inform the design of functional and appealing products.DESICN: -Good research and exploration of existing textiles products. - Adequate identification to inform the design of functional and appealing products.DESICN: -Good research and exploration of existing textiles products. - Adequate identification to inform the design of functional and appealing products Good identification of the needs and wants of user. - Detailed specification to inform the design of functional and appealing products. - Adequate approaches to generate ideas and avoid stereotypical responses. - Adequate developed ideas using annotated sketches and plans Adequate developed ideas textiles tools, techniques, processes, equipment and machinery. - Limited use of a range of textiles materials andMAKE: - Adequate use of specialist textiles tools, techniques, processes, equipment andMAKE: - Good use of specialist textiles tools, techniques, processes, equipment and

### KS3 ASSESSMENT – Design & Technology

#### VALUATE:

- **Basic** analysis of the work of past and present professionals and others.

- **Limited** investigation of new and emerging textiles technologies.

- Basic testing, evaluation and refinement of ideas and products against a specification, taking into account the views of intended users.

- Little understanding of developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, engineers and technologists.

#### **TECHNICAL KNOWLEDGE:**

A basic understanding of the properties of textiles materials and components.
Little or no consideration for the impact designers, manufacturers and consumers have on the environment. - Adequate use of a range of textiles materials and components, taking into account their properties. EVALUATE:

Adequate analysis of the work of past and present professionals and others.
 Adequate investigation of new and emerging textiles technologies.

- Adequate testing, evaluation and refinement of ideas and products against a specification, taking into account the views of intended users.

- Adequate understanding of developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, engineers and technologists. - Good use of a wide range of textiles materials and components, taking into account their properties. EVALUATE:

Good analysis of the work of past and present professionals and others.
Good investigation of new and emerging textiles technologies.

Detailed testing,
evaluation and refinement of ideas and products against a specification, taking into account the views of intended users.
Good understanding of developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, engineers and technologists. - Used a wide range of complex textiles materials and components, taking into account their properties. EVALUATE:

- Extensive analysis of the work of past and present professionals and others.

- **Excellent** investigation of new and emerging textiles technologies.

- **Comprehensive** testing, evaluation and refinement of ideas and products against a specification, taking into account the views of intended users.

- **Exceptional** understanding of developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, engineers and technologists.

#### **TECHNICAL KNOWLEDGE:**

- A **comprehensive** understanding of the properties of textiles materials and components.

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	TECHNICAL KNOWLEDGE: - An adequate understanding of the properties of textiles materials and components. - An adequate consideration for the impact designers, manufacturers and consumers have on the environment.	<b>TECHNICAL KNOWLEDGE:</b> - A good understanding of the properties of textiles materials and components. - An <b>exceptional</b> consideration for the impact designers, manufacturers and consumers have on the environment.	- An <b>exceptional</b> consideration for the impact designers, manufacturers and consumers have on the environment.
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	Acquiring	Developing	Secure	Mastered
	Is beginning to acquire the necessary knowledge for the topic(s)	Is developing the knowledge necessary to understand the topic	Understands the topic and is able to make links using the knowledge	Fully understands the topic and is able to confidently link knowledge.
Term 1a	DESIGN:	DESIGN:	DESIGN:	DESIGN:
Contextual	- <b>Some</b> research and	-Adequate research and	-Good research and	-Exceptional research and
Challenge	investigation of existing	investigation of existing	investigation of existing	investigation of existing
	textiles products suitable for	textiles products suitable for	textiles products suitable	textiles products suitable for
Teenage	teenagers.	teenagers.	for teenagers.	teenagers.
Lifestyles	- Basic identification of the	- Adequate identification of	- Good identification of the	- Thoroughly identified the
mini makes.	needs and wants of user	the needs and wants of user	needs and wants of user	needs and wants of user
	suitable for 'Teenage	suitable for 'Teenage	suitable for 'Teenage	suitable for 'Teenage
This project	Lifestyle' contextual	Lifestyle' contextual	Lifestyle' contextual	Lifestyle' contextual
covers 3 half	challenge.	challenge.	challenge.	challenge.
terms.	- A brief specification to	- Sufficient specification to	- Good specification to	<ul> <li>Detailed &amp; justified</li> </ul>
	inform the design of	inform the design of	inform the design of	specification to inform the
	functional and appealing	functional and appealing	functional and appealing	design of <b>innovative</b> ,
	products suitable for	products suitable for	products suitable for	functional and appealing
	teenagers.	teenagers.	teenagers.	products suitable for
	- Limited design approaches	- A variety of design	<ul> <li>A variety of design</li> </ul>	teenagers.
	to generate ideas.	approaches to generate	approaches to generate	- A variety of design
	- Little or no developed ideas	adequate ideas.	creative ideas and avoid	approaches to generate
	using annotated sketches	- Adequate developed ideas	stereotypical responses.	<b>innovative</b> ideas and avoid
	and plans.	using annotated sketches	- Good developed ideas	stereotypical responses.
		and plans.	using annotated sketches	- Imaginative developed
			and plans.	ideas using annotated
				sketches and <b>detailed</b> plans.

Term 1b	MAKE:	MAKE:	MAKE:	MAKE:
Sustained	- <b>Basic</b> use of specialist	- Adequate use of specialist	- Good use of specialist	- Exceptional use of
project	textiles tools, techniques,	textiles tools, techniques,	textiles tools, techniques,	specialist textiles tools,
continued.	processes, equipment and	processes, equipment and	processes, equipment and	techniques, processes,
	machinery. Using a mix of	machinery. Using a mix of	machinery. Using a mix of	equipment and machinery
Contextual	hand and machine sewing.	hand and machine sewing.	hand and machine sewing.	precisely & skilfully. Using a
Challenge	- Limited quality control	- Sufficient quality control	- Good quality control	mix of exceptional hand and
-	checks carried throughout	checks carried throughout	checks carried throughout	machine sewing.
Teenage	manufacturing.	manufacturing.	manufacturing.	- Extensive quality control
Lifestyles	- Used few textiles materials	- Used an <b>adequate</b> range of	- Used a <b>good</b> range of	checks carried throughout
mini makes.	and components.	textiles materials and	textiles materials and	manufacturing.
	- An overall <b>basic</b> quality and	components, taking into	components, taking into	- Used a wide range of
This project	finish of products.	account their functional and	account their functional	complex textiles materials
covers 3 half		aesthetic properties.	and aesthetic properties.	and components, taking into
terms.		- An overall <b>adequate</b>	- An overall <b>good</b> quality	account their functional and
		quality and finish of	and finish of products.	aesthetic properties.
		products.		- An overall <b>exceptional</b>
				quality and finish of
				products.
Term 2a	TECHNICAL KNOWLEDGE:	TECHNICAL KNOWLEDGE:	TECHNICAL KNOWLEDGE:	TECHNICAL KNOWLEDGE:
Sustained	- Lacks understanding of the	- An adequate	- A good understanding of	- A comprehensive
project	properties of textiles	understanding of the	the properties of textiles	understanding of the
continued.	materials and components.	properties of textiles	materials and components.	properties of textiles
	- Little or no consideration	materials and components.	- A good consideration for	materials and components.
Contextual	for the impact designers,	- An adequate consideration	the impact designers,	- An exceptional
Challenge	manufacturers and	for the impact designers,	manufacturers and	consideration for the impact
-	consumers have on the	manufacturers and	consumers have on the	designers, manufacturers
Teenage	environment.	consumers have on the	environment.	and consumers have on the
Lifestyles	- Limited understanding of	environment.	- Good understanding of	environment.
mini makes.	how fibres are processed in		how fibres are processed	

## KS3 ASSESSMENT – Design & Technology

	industry to construct fabrics.	- Adequate understanding	in industry to construct	- Exceptional understanding
This project	Looking at woven, non	of how fibres are processed	fabrics. Looking at woven,	of how fibres are processed
covers 3 half	woven and knitted textiles.	in industry to construct	non woven and knitted	in industry to construct
terms.	-Brief understanding of the	fabrics. Looking at woven,	textiles.	fabrics. Looking at woven,
	classification of natural,	non woven and knitted	-Good understanding of	non woven and knitted
	synthetic and blended	textiles.	the classification of	textiles.
	textiles.	-Sufficient understanding of	natural, synthetic and	-Excellent understanding of
	-Little understanding of	the classification of natural,	blended textiles.	the classification of natural,
	different scales of	synthetic and blended	-Good understanding of	synthetic and blended
	production, looking at mass,	textiles.	different scales of	textiles.
	batch and one off production.	-Adequate understanding of	production, looking at	-Exceptional understanding
		different scales of	mass, batch and one off	of different scales of
	EVALUATE:	production, looking at mass,	production.	production, looking at mass
	- Limited analysis of the work	batch and one off		batch and one off
	of past and present	production.	EVALUATE:	production.
	professionals and others to		- Good analysis of the work	
	inform design ideas.	EVALUATE:	of past and present	EVALUATE:
	- Basic investigation of new	- Adequate analysis of the	professionals and others to	- Extensive analysis of the
	and emerging textiles	work of past and present	inform design ideas.	work of past and present
	technologies.	professionals and others to	- Good investigation of	professionals and others to
	- Little or no testing,	inform design ideas.	new and emerging textiles	inform design ideas.
	evaluation and refinement of	- Sufficient investigation of	technologies.	- Excellent investigation of
	ideas and products against a	new and emerging textiles	- Detailed testing,	new and emerging textiles
	specification.	technologies.	evaluation and refinement	technologies.
	- Basis or no understanding	- Satisfactory testing,	of ideas and products	- Comprehensive testing,
	of developments in design	evaluation and refinement	against a specification,	evaluation and refinement of
	and technology.	of ideas and products	taking into account the	ideas and products against
		against a specification.	views of intended users	specification, taking into
		- Adequate understanding	suitable for contextual	account the views of
		of developments in design	challenge.	intended users suitable for
		and technology.		contextual challenge.

	- Good understanding of	- Exceptional understanding
	developments in design	of developments in design
	and technology, its impact	and technology, its impact
	on individuals, society and	on individuals, society and
	the environment, and the	the environment, and the
	responsibilities of	responsibilities of designers,
	designers.	engineers and technologists.
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