

# **HSC marking simulation videoconference: Textiles and Design**

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# Video Conference overview

- Introduction
- Syllabus documents
- Development of HSC examination paper
- Marking process
- Tips for answering the paper
- Questions/answers
- Resources
- Question time



# Syllabus documents

- ▶ **Summary of Textiles and Design HSC examination specifications and assessment requirements from 2010**
- ▶ In December 2008, the Board of Studies approved changes to the examination specifications and assessment requirements for a number of courses. These changes will be implemented for the 2010 HSC cohort. Details of the Board's decisions are available on the Board's website at <http://www.boardofstudies.nsw.edu.au/>



## *Outline of HSC examination specifications*

- ▶ **Written examination (50 marks)**
- ▶ A written examination of *one hour and thirty minutes* plus 5 minutes reading time.
- ▶ ***Section I***
- ▶ • Objective response questions 10
- ▶ ***Section II***
- ▶ • Short-answer questions 25
- ▶ ***Section III***
- ▶ There are two questions.  
One based on the Area of Study (*Design*) and the other based on the Area of Study (*Properties and Performance of Textiles*).  
Students answer one question.  
Each question is a structured extended response, with an expected length of response of around four examination writing booklet pages (approximately 600 words) in total. 15
- Total 50

# Structure of HSC Examination paper

Length of paper– one hour and thirty minutes

## **Section 1–10 multiple choice**

- ATCFAI
- Design
- Properties and Performance of Textile

## **Section 2 – Short answer question**

- Australian Textile Clothing Footwear and Allied industries
- Design
- Properties and Performance of Textiles

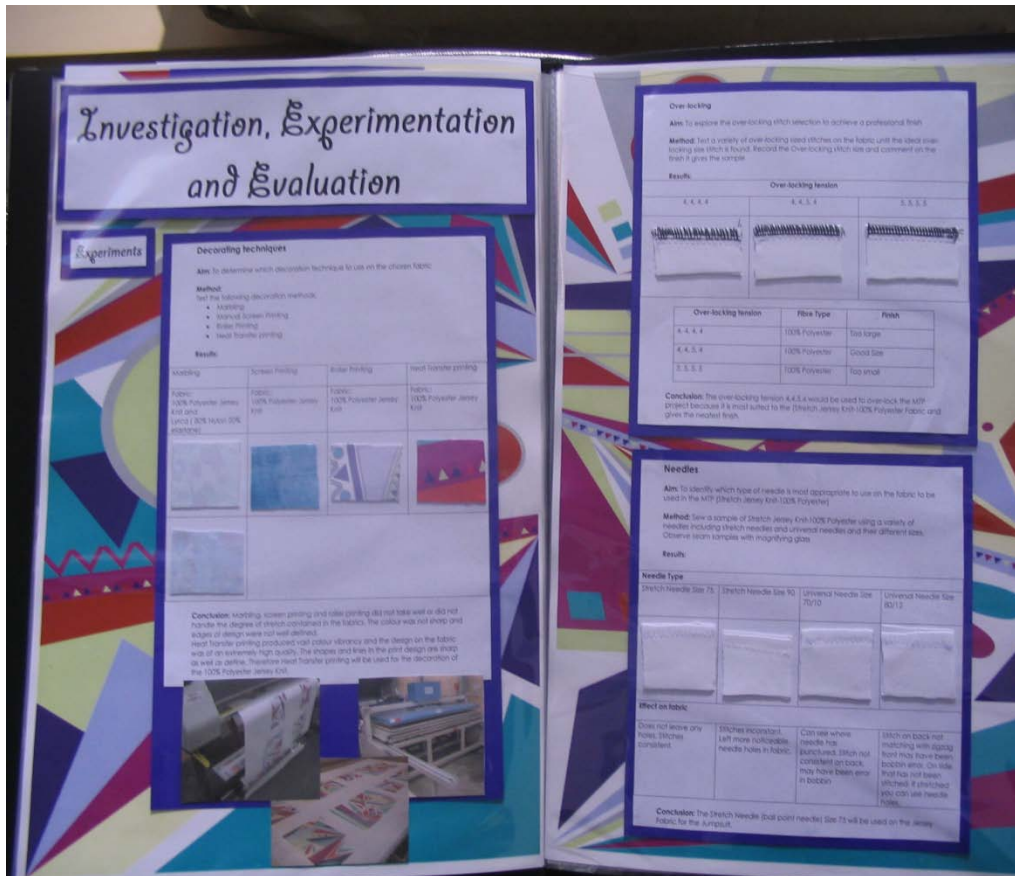
## **Section 3 – Extended response**

- Design
- Properties and Performance of Textiles

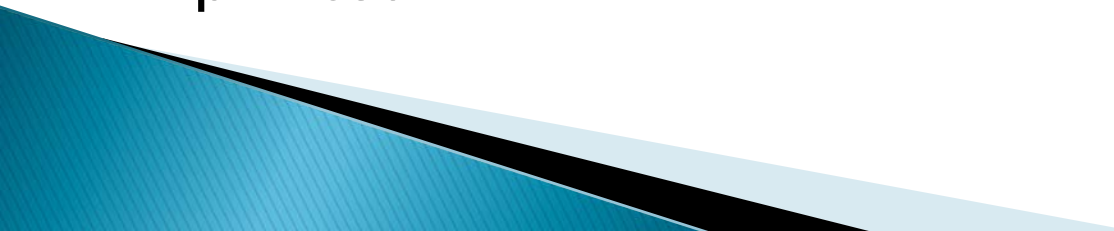


Remember that your exam makes up 50% of your HSC mark and you will have already earned a mark out of 50 for your MTP which is due on 16<sup>th</sup> August ( Monday of 5week in term 3)

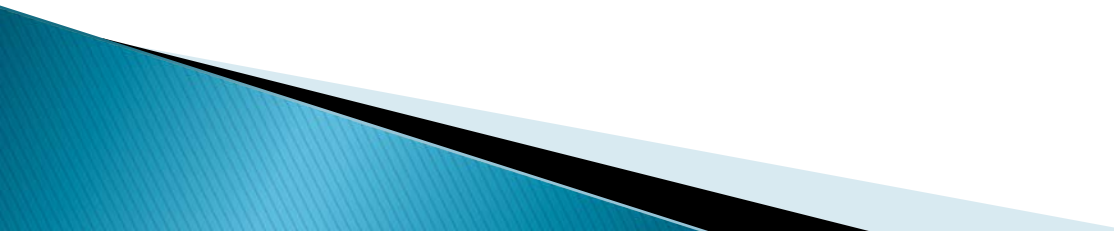
MTP examples from Erina High 2008



# Development of HSC examination paper

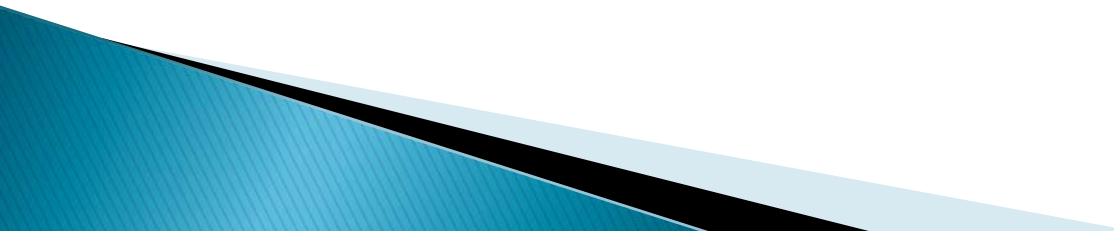
- ▶ The examination committee is established to write the Textiles and Design paper.
  - ▶ The committee sets the questions in line with their writing brief and the HSC examination specifications
  - ▶ The draft paper is assessed by teachers, the supervisor of marking, a syllabus validity assessor and various internal assessors
  - ▶ The marking guidelines, mapping grid and sample answers are developed by the examination committee
  - ▶ The paper is finalised and proof read before it is printed
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# The marking process

- ▶ The one-and-a-half hour examination is supervised by external supervisors
  - ▶ Papers are collated, bundled and sent to the marking centre
  - ▶ Multiple-choice answer sheets are scanned and computer marked
  - ▶ Marking progresses with trained teachers who are experienced in the subject area marking the examination questions.
- 



# Tips for answering the paper

- ▶ Writing– needs to be clear and easily read, use a pen not pencil.
  - ▶ Do not use liquid paper, draw one line through the error so work can still be read
  - ▶ Write within the borders of the paper, space your work to assist in the marking process
  - ▶ Request extra books if you do not have enough space
  - ▶ Manage and use all of your allocated time by reading carefully and checking answers once complete. The front of your paper suggests approximate times for each section of the paper
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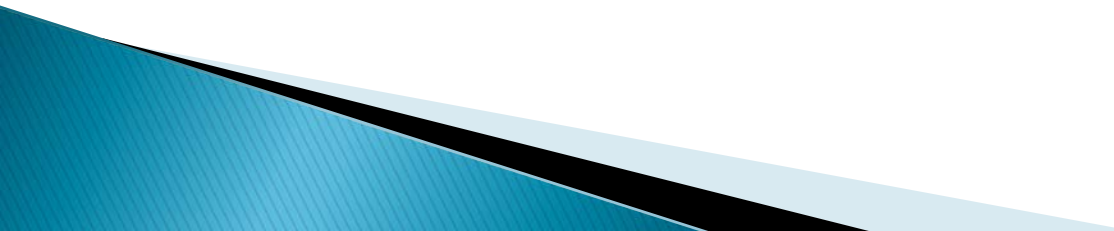
# Section 1

## 10 multiple choice –10 marks

- *All parts of the syllabus are covered in the multiple choice questions*
- Australian Textile Clothing Footwear and Allied industries
- Design
- Properties and Performance of Textiles

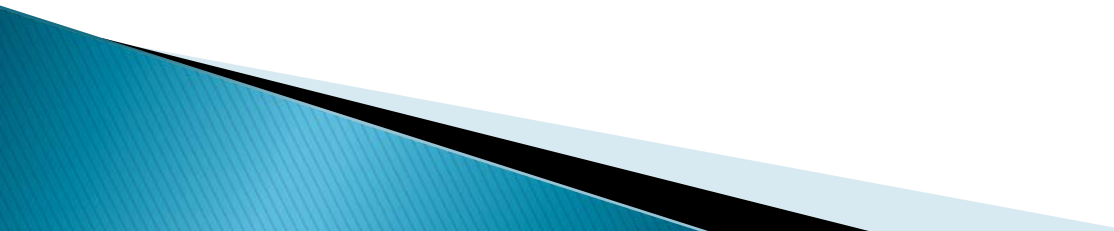
*Allow about 15 minutes or 1 ½ minutes per question do not rush through the multiple choice questions they are worth one fifth of the marks in your exam paper*

*Read each choice carefully, eliminate the wrong answers before identifying the most correct or best answer.*



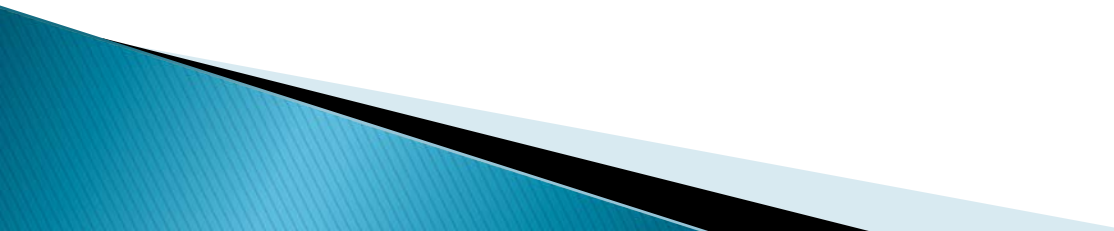
# Question 1 –multiple choice

1. Hand embroidery would be a suitable method of fabric decoration for which of the following end-uses?

- ▶ (A) Beach towels, tents and cushions
  - ▶ (B) Cushions, christening gowns and wall hangings
  - ▶ (C) Fashion articles, corporate wear and wall hangings
  - ▶ (D) Hand towels, school uniforms and high-end fashion
- 

**Question 1 – multiple choice**– read carefully, eliminate incorrect answers. Read again to ensure you select the most correct answer.

1. Hand embroidery would be a suitable method of fabric decoration for which of the following end-uses?

- ▶ (A) Beach towels, **tents** and cushions
  - ▶ (B) Cushions, christening gowns and wall hangings
  - ▶ (C) Fashion articles, **corporate wear** and wall hangings
  - ▶ (D) Hand towels, **school uniforms** and high-end fashion
- 

# Section 2

Short answer questions –25 marks

## ▶ Question 1 1–5 marks

Australian Textile Clothing Footwear and Allied industries

## ▶ Question 12 –10 marks


Design

## ▶ Question 13– 10 marks

Properties and Performance of Textiles



# Tips for answering short answer questions

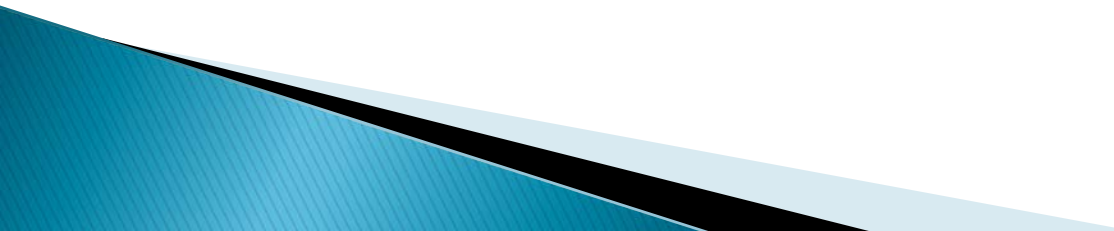
- ▶ Read the question carefully, underlining the main words and ideas
  - ▶ Know what is meant by each word in the Board's Glossary of Key Words  
eg *describe* – *Provide characteristics and features*
  - ▶ Use the allocated marks as a guide to answering the question
  - ▶ Write on the lines and request extra paper if needed
  - ▶ The answer spaces provide guidance to the expected length of response.
- 



# A Glossary of Key Words

- ▶ This glossary contains key words that appear frequently in Board of Studies syllabuses, performance descriptions and examinations. The purpose behind the glossary is to show that certain key words are used similarly in examination questions across many subjects they are studying
- ▶ See:  
[http://www.boardofstudies.nsw.edu.au/syllabus\\_hsc/glossary\\_keywords.html](http://www.boardofstudies.nsw.edu.au/syllabus_hsc/glossary_keywords.html)

# Examples from the glossary

- ▶ Analyse: Identify components and the relationship between them; draw out and relate implications
  - ▶ Apply: Use, utilise, employ in a particular situation
  - ▶ Compare: Show how things are similar or different
  - ▶ Define: State meaning and identify essential qualities
  - ▶ Describe: Provide characteristics and features
  - ▶ Discuss: Identify issues and provide points for and/or against
  - ▶ Evaluate: Make a judgement based on criteria; determine the value of
  - ▶ Explain: Relate cause and effect; make the relationships between things evident; provide why and/or how
  - ▶ Identify: Recognise and name
  - ▶ Justify: Support an argument or conclusion
  - ▶ Outline: Sketch in general terms; indicate the main features of
- 

# *2009 HSC Question 11(a)*

- ▶ Give an example of ONE promotional strategy and ONE pricing structure to market new textile items.

Give an example of ONE promotional strategy and ONE pricing structure to market new textile items

# A suggested answer

Advertise using a celebrity to endorse the product

Price based on the cost of the production of the item.

2 marks



# Marking guidelines

## Question 11 (a)

*Outcomes assessed: H5.1*

### MARKING GUIDELINES

Criteria	marks
Names ONE suitable promotional strategy AND ONE suitable pricing structure	2
Names ONE suitable promotional strategy OR Names ONE suitable pricing structure	1

# *2009 HSC Question 12(b)*

- ▶ Describe how the design features of a traditional textile item from the culture studied have been adapted into contemporary textiles.  
3 marks



# A suggested answer

- ▶ *Traditional Japanese Kimono style of sleeves and wrap around style have been adapted into ladies tops, dresses and bathrobes.*
  - ▶ *Japanese influence also seen in the layering of clothing designed by Akira Isogowa*
  - ▶ *Traditional motifs and designs have been adapted for interior designs such as print for fabrics, embroideries for cushions and wall hangings.*
- 3 marks

# Marking guidelines–

12 (b)

*Outcomes assessed: H6.1*

## MARKING GUIDELINES

Criteria	Mark
Provides characteristics of how the design features of a traditional textile item have been adapted into contemporary textiles	3
Sketches in general terms how the design features of the traditional textile item has been adapted into the production of contemporary textiles	2
Recognises and names design features of how the traditional textile item has been adapted into contemporary textiles	1

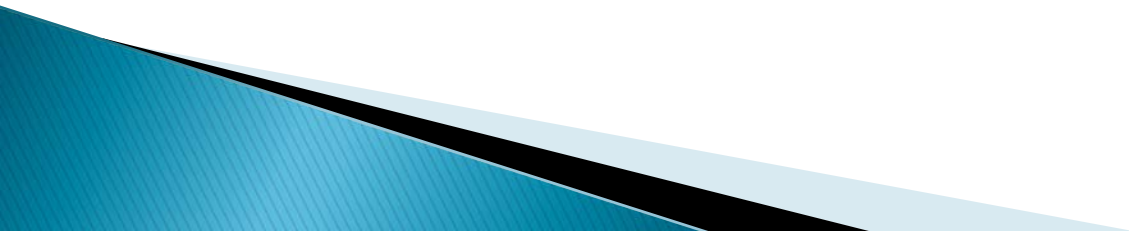
# *2009 HSC Question 13(c)*

- ▶ Question 13c)
- ▶ (i) What is a bicomponent yarn?

# A suggested answer

- ▶ A bicomponent yarn is made of two polymers extruded simultaneously from a spinneret.

1 mark



# Marking guidelines

Question 13 (c) (i)

*Outcomes assessed: H3.2*

- MARKING GUIDELINES

Criteria	Marks
Gives features of a bicomponent yarn	1

- ▶ (ii) Explain the use of bicomponent yarns in enhancing the performance properties of a specific textile item.



# A suggested answer

- ▶ Dance costume – A bicomponent yarn made from an elastomeric core and a polyester sheath would enhance the performance.
- ▶ Elastomeric yarn due to its ability to stretch and return will give the costume stretch, comfort and a snug fit
- ▶ The polyester sheath will enhance the costumes durability, strength and resilience. It will also provide a lustrous surface improving the costumes aesthetic appeal.

3 marks

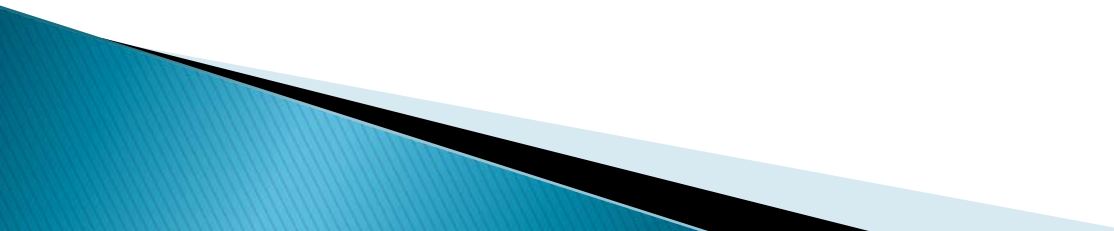
# Question 13 (c) (ii)

*Outcomes assessed H3.2*

## ▶ MARKING GUIDELINES

Criteria	Marks
Provides how bicomponent yarns enhance the performance properties of a specific textile item	3
Sketches in general terms how bicomponent yarns enhance the performance properties of a specific textile item	2
Names the performance properties of a bicomponent yarn	1

# Section 3

- Attempt **EITHER** question 14 **OR** question 15
  - Allow about 30 minutes for this section
  - Answer the question in the writing booklet. **NOTE**  
Extra writing booklets are available if required.
  - Question 14– Design  
OR
  - Question 15– Properties and Performance of  
Textiles
- 

# Question 14– Design

- ▶ A) Outline the process involved in textile dyeing– 5 marks

# A suggested answer

- ▶ Preparation of the dye bath – concentration and appropriate dye to fabric ratio
- ▶ Wetting and immersion
- ▶ Migration of the dye into the molecular structure of the fibre using heat and or agitation
- ▶ Location of the dye within the fibre
- ▶ Curing.

5 marks

# Question 14 (a)

*Outcomes assessed: H1.3*

## *Marking Guidelines*

Criteria	Marks
Indicates the main features of the process involved in textile dyeing finish	4–5
Sketches in general terms some of the processes involved in textile dyeing	2–3
Names one process involved in textile dyeing	1



# Question 14– Design

- ▶ B) Name a method of printing and an end use for which this method is suitable
- ▶ Justify the choice of this method of printing for the end use you have selected, and describe the steps involved in printing using this method.– 10 marks.

# A suggested answer

- ▶ Transfer digital printing for large image banners to be displayed outdoors for a coming event.
- ▶ The image for the banner can only be produced by digital printing as no other method of printing can produce images of this size. The image is either prepared on the computer or scanned.
- ▶ Steps in digital printing
  - i. Clean crease free fabrics
  - ii. Choose inks according to the fabric type
  - iii. Treat fabric to prevent colours bleeding
  - iv. Print using inkjet technology and CAD
  - v. Fix the colours using heat treatment

## Question 14b– Design continued

- ▶ Justification of digital printing include
  - i. Rapid prototyping of designs eliminating the need for traditional time consuming and expensive sampling process
  - ii. No longer necessary to print colours separately with the inkjet technology providing consumers with greater variety of designs
  - iii. Allows large, complex and subtle designs
  - iv. Manufacturers do not need to carry stock as the process is very quick so reduces waste
  - v. Durable printed fabrics are produced.

10 marks

# Question 14 (b)

*Outcomes assessed: H1.*     **MARKING GUIDELINES**

Criteria	Marks
<ul style="list-style-type: none"><li>•Names ONE method of printing AND a suitable end-use</li><li>AND</li><li>•Supports an argument for the suitability of this printing method to the end-use describing the steps of this printing process</li></ul>	9–10
<ul style="list-style-type: none"><li>•Names ONE method of printing AND a suitable end-use</li><li>AND</li><li>•Provides some characteristics and features of this printing process and its suitability to the end-use</li></ul>	7–8
<ul style="list-style-type: none"><li>•Names ONE method of printing AND a suitable end-use for this method</li><li>AND</li><li>•Sketches in general terms this printing process</li></ul>	5–6
<ul style="list-style-type: none"><li>•Names ONE method of printing AND a suitable end-use for this method and indicates a feature of this printing process</li></ul>	3–4
<ul style="list-style-type: none"><li>•Names ONE method of printing AND a suitable end-use for this method</li></ul>	1–2

# Resources

- ▶ Board of Studies– syllabus documents  
<http://www.boardofstudies.nsw.edu.au/>
  - Past HSC papers, marking guidelines and suggested answers
  - standards packages
  - online multiple choice
- ▶ HSC on line  
<http://www.hsc.csu.edu.au/>

# Questions?

