

Design briefs

Materials Design and Technology Stage 2 WACE examination design brief

Exam paper sections	Supporting information
<p>Section One: Across contexts</p> <ul style="list-style-type: none"> Suggested working time: 60 minutes <p>Part A</p> <ul style="list-style-type: none"> 10 Multiple-choice 10% of total mark <p>Part B</p> <ul style="list-style-type: none"> 3–4 Short answer responses 30% of total mark 	<p>All candidates must complete this section of the paper.</p> <p>This section will consist of a series of multiple-choice and short answer questions.</p> <p>The short answer section will feature diagrams and stimulus materials that students will use to respond the question.</p>
<p>Section Two: Context specific</p> <ul style="list-style-type: none"> Suggested working time: 90 minutes Candidates choose from one of the following contexts and respond to 5–8 short answer questions in their chosen context: <ul style="list-style-type: none"> Wood Metal Textiles 60% of total mark 	<p>Candidates are required to answer questions from their chosen context of study either Metal or Wood or Textiles. Each context will contain short answer questions. These questions will be designed to give students the opportunity to demonstrate specific knowledge and understandings of their context of study. Stimulus materials such as diagrams, pictures, charts and tables may be used in each question.</p>

Other considerations

The Materials Design and Technology WACE examination has two components: a written examination which comprises 50% and an external assessment folio which will comprise 50% of the external examination.

Written examination

The Materials Design and Technology WACE written examination consists of two sections. Section One will be across contexts (for the three contexts). Section Two will be context specific i.e. Metals or Wood or Textiles.

The examination is presented in a combined question/answer booklet. Templates for textiles (where necessary) will be provided.

Written examination length

The total written examination length is 2 hours and 30 minutes and 10 minutes reading/planning time.

Materials Design and Technology Stage 3 WACE examination design brief

Exam paper sections	Supporting information
<p>Section One: Across contexts</p> <ul style="list-style-type: none"> Suggested working time: 60 minutes <p>Common questions for ALL contexts</p> <p>Part A</p> <ul style="list-style-type: none"> 2–4 Short answer responses 15% of total mark <p>Part B</p> <ul style="list-style-type: none"> 2–4 Extended answer responses 25% of total mark 	<p>All candidates must complete this section of the paper.</p> <p>Part A of this exam contains short answer questions which provide the candidate the opportunity in which to demonstrate knowledge and understandings of materials.</p> <p>Part B of this exam requires students to give extended answers in response to stimulus material provided e.g. research data, case studies, survey results, written texts, diagrams.</p>
<p>Section Two: Context specific</p> <ul style="list-style-type: none"> Suggested working time: 90 minutes <p>Candidates choose ONE of the following contexts:</p> <ul style="list-style-type: none"> Wood Metal Textiles <p>Each section contains two parts:</p> <p>Part A</p> <ul style="list-style-type: none"> 2–3 Short answer responses 30% of total mark <p>Part B</p> <ul style="list-style-type: none"> 2–3 Extended answer responses 30% of total mark 	<p>Candidates are required to answer questions from their context of study either Metal or Wood or Textiles. Each context will contain multiple-choice, short answer and extended response questions. These questions will be designed to give students the opportunity to demonstrate specific knowledge and understandings of their context of study, of metal, wood or textiles.</p> <p>In each context:</p> <p>Part A contains 2–3 context specific short answer questions where the students respond to stimulus materials.</p> <p>Part B contains 2–3 extended response questions which allow students to demonstrate their understanding of the context.</p>

Other considerations

The Materials Design and Technology WACE examination has two components: a written examination which comprises 50% and an external assessment folio which will comprise 50% of the external examination.

Written examination

The Materials Design and Technology WACE written examination consists of two sections. Section One will be generic (for all three contexts) and Section Two will be context specific i.e. Metals, Wood or Textiles.

The examination is presented in a combined question/answer booklet. Templates for textiles (where necessary) will be provided.

Written examination length

The total written examination length is 2 hours and 30 minutes and 10 minutes reading/planning time.

Permissible materials

The general materials permitted for use in the WACE written examination are: pens, pencils, eraser or correction fluid, ruler, highlighter, non-programmable scientific calculators.