TECHNOLOGY AND LIVING

INTRODUCTION

The public assessment of this subject is based on the Technology and Living Curriculum and Assessment Guide (Secondary 4–6) jointly prepared by the Curriculum Development Council and the Hong Kong Examinations and Assessment Authority. Candidates have to refer to the Guide for the knowledge, understanding and skills they are required to demonstrate in the assessment.

ASSESSMENT OBJECTIVES

The objectives of the examination are to evaluate candidates’ abilities and achievements in the following ways:
1. demonstrating knowledge and understanding of concepts, principles, theories and issues presented in the specified content;
2. applying such knowledge and understanding in analysing and solving problems which may involve familiar and unfamiliar situations;
3. collecting, selecting, analysing and evaluating information in relation to the specified subject content;
4. evaluating the potential and limitation of evidence and arguments, making reasoned judgements about their relevance to particular situations and presenting supported conclusions; and
5. demonstrating communication skills using a wide variety of methods and presenting them in a logical and coherent structure appropriate to the nature of the activity;
6. planning and carrying through a course of action with relevant technological and scientific knowledge and skills to achieve an effective result.

MODE OF ASSESSMENT

Candidates taking Technology and Living (TL) are required to choose from the two strands: Food Science and Technology; or Fashion, Clothing and Textiles. The following table outlines the various components of the public assessment of TL in 2012 HKDSE.

<table>
<thead>
<tr>
<th>Component</th>
<th>Weighting</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Public examination</td>
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<tr>
<td>Paper 1 Compulsory part</td>
<td>43%</td>
<td>1½ hours</td>
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<tr>
<td>Paper 2 Elective part</td>
<td>57%</td>
<td>2 hours</td>
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<td>(including knowledge from compulsory part)</td>
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PUBLIC EXAMINATION

The examination papers will include questions set on familiar and unfamiliar situations. In the latter case, candidates may be required to study information presented in the form of text, diagrams or graphs, and to apply their skills and knowledge in answering questions set on the information given.
Paper 1

This paper comprises three sections. Section A contains multiple-choice questions and carries 15 marks. Section B includes design questions and carries 25 marks. Section C consists of structured questions and carries 30 marks. Candidates have to attempt all questions in this paper.

Paper 2

This paper consists of questions set on the three elective modules. Each elective module includes short questions, data-response questions and an essay, and carries 40 marks. Candidates have to attempt questions from any two of the three elective modules.

SCHOOL-BASED ASSESSMENT (SBA)

SBA will be implemented starting from the 2014 HKDSE. The SBA component aims to provide students with the opportunity to explore a specific issue in their own area of interest through which they can demonstrate an appropriate range of practical skills, display generic skills in collecting, analysing and evaluating information and data from both primary and secondary sources, and make reasoned judgements / decisions on the selected issue. The requirements are as follows:

1. Prescribed task with components requiring experimental and practical skills
2. Project / Design folio on local or global issues on the related strand

The SBA component should allow the assessment of the operationalisation of the following four dimensions:

- Conceptual – knowledge and understanding of the relevant concepts and procedures
- Procedural – knowing how to do something, what to do and when to do it
- Societal – related to the interrelationships between science, technology, environment and groups of people
- Technical – skills related to manual / practical techniques

The implementation of SBA in TL is scheduled as follows:

<table>
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<tr>
<th>Year of examination</th>
<th>Implementation of SBA</th>
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<tr>
<td>2012 &amp; 2013</td>
<td>Schools will not be required to submit SBA marks. Public examination results will constitute 100% of the final subject results.</td>
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<tr>
<td>Starting from 2014</td>
<td>all schools will have to submit SBA marks, which will contribute 30% to the final subject results.</td>
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The detailed requirements, regulations, assessment criteria and guidelines will be provided in the SBA Handbook (Trial Version) for HKDSE Technology and Living published by the Hong Kong Examinations and Assessment Authority. During the transition years, the curriculum for TL will remain intact and schools will be expected to conduct the SBA activities as an integral part of learning and teaching and internal assessment as recommended in the Curriculum and Assessment Guide. In the light of feedback from schools during the transition years, a finalised version of the Handbook will be published when the SBA is implemented.

2012-HKDSE-TL