



EXAMINATIONS COUNCIL OF ESWATINI
Eswatini Prevocational Certificate of Secondary Education

TECHNICAL STUDIES

5925/03

Paper 3 Guided Project

2022

Duration: 6 Months

Total Marks: 100

INSTRUCTIONS TO CANDIDATES.

1. From the given **situation** you are to undertake a school-based project which consists of an A4 size **portfolio** and a model of the product. Note that the actual product is not required this year.
2. The work must be original and submitted by yourself as an individual.
3. The project will commence on 1st June, 2022.
4. You are expected to submit a written proposal for assessment by 29th July, 2022.
5. You are allowed to consult with your teacher on the development of the project.
6. You are expected to cooperate with the external examiner who will be coming at certain intervals to monitor the development stages of your project.
7. You are expected to be able to explain and reflect on your work.
8. You are required to document evidence of the development stages of your project in the **portfolio**.
9. The portfolio should be availed to the external examiner on demand.
10. The **portfolio** must be submitted to ECESWA by 30th November, 2022. The **model** must remain in school until the results are issued.

Note: The total marks of this paper is 100 where 95 marks will be awarded by the examiner and 5 marks by the teacher (95+5=100 marks)

This document consists of 4 printed pages.

GUIDED PROJECT**THEME: HOLDING OR SUPPORTING.**

Candidates may interpret the theme as widely as possible. The following areas are given to assist but not to restrict candidates in exploring the theme:

- home
- sports
- office
- workshop
- outdoor activities
- school environment

The project consists of three (3) stages as follows:

Stage 1 Proposal 15 Marks

You will produce a proposal of between 800 and 1000 words. The proposal will be submitted in soft copy (**pdf**) and hard copy by **29th July, 2022**. After approval of the proposal by your teacher, you may continue with the project before submission of your proposal.

The proposal should include:

- Theme analysis - justification
- Problem statement - identification of the need (gap) in the market
- Methodology - procedure (steps) to follow to achieve the product
- Time frame - anticipated completion dates for each stage of project
- References - list of sources

Stage 2 Investigation and development 70 Marks

- Research and specifications (15 marks)
- Ideation (10 marks)
- Development and planning (15 marks)
- Modelling (30 marks)

The investigation and development stage shall include details of the specifications and steps of the project development. The four main components as indicated above are described as follows:

- a. Research and specifications shall include a thorough research of the design brief with relevant data identified and collected. Analysis of the research leading to a justified specification for a marketable product.
- b. Ideation shall include a wide range of different, appropriate solutions with imaginative interpretation. Detailed evaluation of ideas and consideration of the requirements of the specification.
- c. Development and planning shall include detailed development of the selected idea, including form, materials and constructions to be used, leading to detailed working drawings and a materials list.
- d. The model should be completed to a high standard and must meet the set specifications, function and performance of the actual product.

Stage 3 Evaluation 10 Marks

- Testing and evaluation (10 marks)

Portfolio

You are required to produce a standard portfolio that must include sufficient evidence, e.g. photographs, diaries and research activities etc. The cover page of the portfolio should have the candidate's name, Centre name and candidate's number. The portfolio should be submitted electronically in **pdf** format and as a hard copy.

Checklist

Documents to be submitted to ECESWA

ITEMS	SUBMITTED (✓)	DATE SUBMITTED
Proposal		
Portfolio pdf format		
Portfolio hardcopy		

Deadlines for submission

Proposal by 29th July, 2022

Portfolio soft copy in **pdf** format by 30th November, 2022

Portfolio hardcopy by 30th November, 2022

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