

# MATHEMATICS PROJECT WORK BOOK ( SIMPLIFIED )

**SENIOR ONE TO SENIOR FOUR**

BASED ON THE NEW LOWER SECONDARY CURRICULUM

by

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# Preface

This learner's project workbook has been written in line with the revised mathematics syllabus for the new lower secondary curriculum. Scenario community problem situations have been incorporated into this workbook. A learner is supposed to design a project using environmental resources to come up with a tangible product that solves the scenario community problem situations designed in this work book.

Through those scenario community problem situations provided, the learner is able to produce new knowledge, values and skills required in the 21<sup>st</sup> century. This has been done by providing a range of scenario community problem situations which will enable the learner to research more through the internet in order to understand the applicability of knowledge learned at his or her respective school.

The learner is expected to be able to work as an individual, in pairs and groups according to the nature of the situation community problem in order to be able to share learning experiences with their colleagues.

The learners are supposed to write only in the spaces provided in the carbonated portfolio which the facilitator (teacher) has to tear out together with the mark allocation of the project work after marking and then keep them as proof of the learner's project developmental stages (work) and marks.

The learner has to solve all the scenario community problems and the marks of the two most performed projects will be considered as the two project marks of the learner and they have to be converted to 10% each.

This learner's workbook is one of the materials which are to be used to support the teaching and learning process of the new lower secondary curriculum.

**I feel confident that this Book will be of immense value to both the learners and the teachers.**

Any suggestions for improvement of this book are most welcomed, thanks.

# Acknowledgement

I would like to express my sincere appreciation to all those who worked tirelessly towards the production of this learner's project work book.

First and foremost, I would like to thank my family and friends for supporting all my initiatives both financially and spiritually, my parents; **Mr. William Lwanga** and **Mrs. Harriet Lwanga**, my brother; Mr. Nsubuga Grace.

My gratitude also goes to the various institutions which provided staff that natured and supported me to become the Mathematics teacher I am today. My thanks goes to Broadway high school, Mita college kawempe and St. Lawrence College Paris Palais which provided the best environment to work from and best reference books.

I thank God for the wisdom he has given me to produce this volume of work. May the Almighty God bless all the students that will use this book with knowledge to encounter all mathematics scenario problem situations...**AMEN**. I welcome any suggestions for improvement to continue making my service delivery better.

- **Excel In Ordinary Level Mathematics( S.4 2023)**
- **S.1-S.2 Physics Project Work Book ( 1<sup>st</sup> Edition)**
- **S.1-S.4 Physics Project Work Book (2<sup>nd</sup> Edition)**
- **S.1-S.4 Mathematics Project Work Book ( 1<sup>st</sup> Edition)**
- **S.1-S.4 New Ordinary Level Physics Practical Work Book**
- **S.1-S.4 Physics Learners Research Book( Detailed)**

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same author

**NB: “Search” { lwanga william } on youtube and subscribe ( also tap on the notification bell) to that you-tube channel and watch the subject based project lessons that are on-going. “ subscription is for free”**

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**Introduction to projects**

Contact the author on +256750549201 or +256771803014 to get a complete copy for your self. You can also email on [lwangawilliam11@gmail.com](mailto:lwangawilliam11@gmail.com)

**NB:** The complete copy consists of *four* scenario community problems which a learner has to solve, then the facilitator marks all of them. Therefore, the marks of the two most performed projects are the one to be considered as the project marks of the learner.