

UNDERSTANDING THE PROGRESS TRACKER

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Home Page

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Education**

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WELCOME TO CAREER MANAGEMENT

Giving a practical approach to career insights and a sense of purpose.

Progress Tracker

 [search](#)

IT
ALL STARTS
WITH AN IDEA

MY
POINT
OF VIEW

DIARY
OF
ENTREPRENEUR

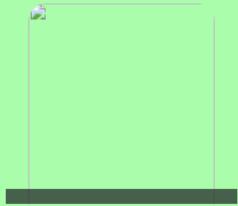
WHAT MAKES
ZIMBABWE
GREAT

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Go to PC settings to activate Windows.

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Progress Tracker



Student ID: 24A018A6635

Career: [Agronomist](#)

Cluster: [Agriculture, Food And Natural Resources](#)

Sector: [Primary Sector](#)

Skills: [Assessment](#)

Skills Gap: [Management Courses](#)

High School Degree: [Agriculture and Horticulture](#)

High School Subjects: [View Recommended Subjects](#)

Point System: [Overview](#)

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Career

The section provides essential information to help learners understand their career choices.

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Agricultural Agronomist

[Login](#)

Overview

Agronomists have a wide range of work, but their role is best summed up as a "crop doctor" concerned with the health and well-being of crops used for food production, fuel, and land reclamation. An agronomist spends time in the lab going over crop data that has been collected to find out how to improve the next generation. The agronomist will then compare and research scientific journals and reference books as well as speak with his peers in order to pinpoint the cause and find a solution for the farmer. They aim to recommend the best crop and the correct harvesting techniques, to manipulate the interaction between plant and environment effectively.

Abilities

- Oral Expression** - Communicating by speaking.
- Category Flexibility** - Grouping things in different ways.
- Written Comprehension** - Reading and understanding what is written.
- Written Expression** - Communicating by writing.
- Inductive Reasoning** - Making general rules or coming up with answers from lots of detailed information.

Knowledge

- Biology** - Knowledge of plant and animal organisms, their tissues, cells, functions, interdependencies, and interactions with each other and the environment.
- English Language** - Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.
- Computers and Electronics** - Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.
- Chemistry** - Knowledge of the chemical composition, structure, and properties of substances and of the chemical processes and transformations that they undergo. This includes uses of chemicals and their interactions, danger signs, production techniques, and disposal methods.
- Mathematics** - Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.
- Education and Training** - Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects.
- Geography** - Knowledge of principles and methods for describing the features of land, sea, and atmosphere, including...

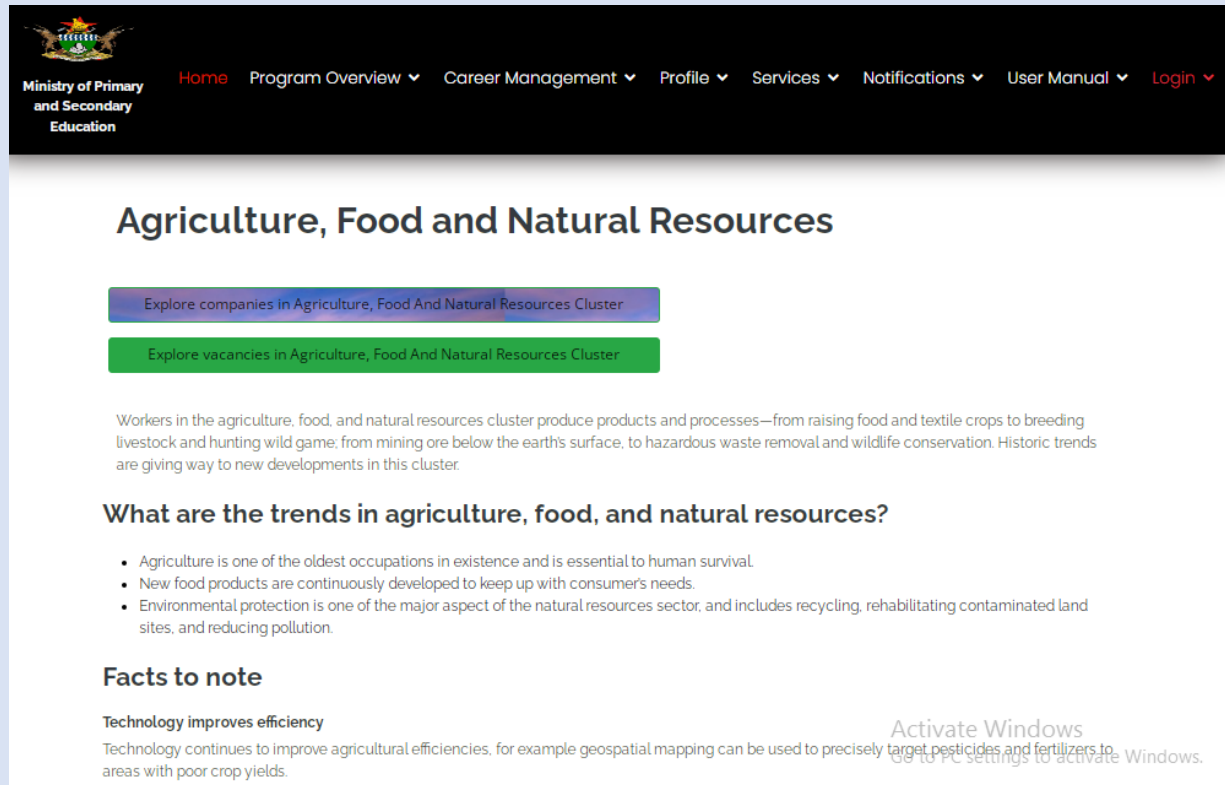
[Problem Solving Articles: View](#)

Ok

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Cluster

The cluster section provides essential information on related occupations and industries that share similar skills, interests, or educational requirements relevant to a learner's career choice.



The screenshot shows the website of the Ministry of Primary and Secondary Education. The header is black with the ministry's logo and name on the left, and a navigation menu on the right. The main content area is white and features the title 'Agriculture, Food and Natural Resources'. Below the title are two buttons: 'Explore companies in Agriculture, Food And Natural Resources Cluster' and 'Explore vacancies in Agriculture, Food And Natural Resources Cluster'. A paragraph describes the cluster's products and processes. A section titled 'What are the trends in agriculture, food, and natural resources?' lists three bullet points. A 'Facts to note' section includes a sub-heading 'Technology improves efficiency' and a paragraph about geospatial mapping. A watermark 'Activate Windows' is visible in the bottom right corner.

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Agriculture, Food and Natural Resources

Explore companies in Agriculture, Food And Natural Resources Cluster

Explore vacancies in Agriculture, Food And Natural Resources Cluster

Workers in the agriculture, food, and natural resources cluster produce products and processes—from raising food and textile crops to breeding livestock and hunting wild game; from mining ore below the earth's surface, to hazardous waste removal and wildlife conservation. Historic trends are giving way to new developments in this cluster.

What are the trends in agriculture, food, and natural resources?

- Agriculture is one of the oldest occupations in existence and is essential to human survival.
- New food products are continuously developed to keep up with consumer's needs.
- Environmental protection is one of the major aspect of the natural resources sector, and includes recycling, rehabilitating contaminated land sites, and reducing pollution.

Facts to note

Technology improves efficiency

Technology continues to improve agricultural efficiencies, for example geospatial mapping can be used to precisely target pesticides and fertilizers to areas with poor crop yields.

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Sector

This section provides essential information to the learner about a broader classification that relates to a specific segment of the economy or labor market where certain types of jobs are concentrated.

Ministry of Primary and Secondary Education

Primary Sector



The primary sector of the economy is the industrial sector that's involved in the extraction and production of raw materials. Primary sector examples include farming, mining, fishing, logging, and quarrying.

Types of Industries

- Agriculture
- Mining
- Fishing
- Forestry

Five Sectors of the Economy

1	2	3	4	5
PRIMARY	SECONDARY	TERTIARY	QUATERNARY	QUINARY
• Mining • Agriculture • Fishing • Logging • Extraction	• Automotive • Construction • Manufacturing • Food Processing • Crafts	• Hospitality • Retail • Healthcare • Real Estate • Education	• Media • Financial Services • Education • Real Estate • Robotics	• NGOs • Nursing Homes • Fire Service • Police Service • Childcare

* Quaternary and quinary are subcategories of tertiary.

The five economic sectors are primary sector (raw materials), secondary sector (manufacturing), tertiary sector (services), quaternary sector (information services), and quinary sector (human services).

Companies

- Mimosa Mining Company (PVT)
- Blackbox Investments
- Hippo Valley Estate
- Tanganda Tea

Ok

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Skills Gap Assessment

This skills gap assessment is designed to help learners understand employer expectations and the business landscape. It identifies the gaps that learners need to address in their career choices, focusing on essential skills that are crucial for their careers.

TEAMWORK AND LEADERSHIP SKILLS

This section should contain evidence of your ability to work with other in a variety of roles both within the course and outside the course.

For example group projects and presentations team sports, work experience etc.

- Give evidence of an activity that you carried out as a group.
- How did teamwork helped to to achieve a task?
- What are the advantages of team work over individuals?

My response

COMMUNICATION SKILLS

This section contains evidence of your ability to communicate effectively in a variety of ways - verbally and written.

Examples would include presentations, language skills and report writing.

- Give a detailed presentation that you have presented in class.
- Can you give a short report on the importance of good communication skill in an organisation.
- Why do you think communication skills are essential?

My response

CAREER DEVELOPMENT AND COMMERCIAL AWARENESS

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Skills Gap Management Courses

The system collects automatically the courses that are relevant to your child's career in order to close the skills gap. It is essential for your child to register and start learning these courses as early as grade 5 in order for the child to understand the essentials that are expected within their career pathway at an early age. The courses are for free for every learner in Zimbabwe.

Skills Gap Management Courses

Organizational Skills	Communication Skills	Marketing Skills
Problem Solving Skills	Leadership Skills	Computer and IT Skills
Time Management	Project Management	Teamwork
Writing Skills	Presentation Skills	Administrative Skills
Decision Making Skills	Creative Thinking	Technical Skills
Interpersonal Skills	Report Writing	Customer Services
Health and Safety	Quality Assurance	Driving Licence

Effects of Artificial Intelligence advancements on my career choice

The advancements in artificial intelligence (AI) are significantly impacting the career choices of learners in various ways, both positively and negatively. It is crucial for learners to understand how artificial intelligence developments affect their chosen fields, as it enables them to make informed decisions regarding their career paths.

Effects of Artificial Intelligence advancements on my career choice

The advancements in artificial intelligence (AI) can significantly impact my career choice in various ways positively and negatively. Here are some of the key effects:

- JOB AUTOMATION**
 - Displacement of Jobs:** Roles that involve repetitive tasks, such as data entry or basic analysis, may be automated, leading to job displacement.
 - New Job Roles:** While some jobs may disappear, new roles in AI development, maintenance, and oversight are emerging.
- SKILL REQUIREMENTS**
 - Technical Skills:** There is a growing demand for skills in AI, machine learning, and data analysis. Depending on your career choice, you may need to upskill or reskill.
 - Soft Skills:** Skills such as creativity, critical thinking, and emotional intelligence become increasingly valuable in roles that AI cannot easily replicate.
- INDUSTRY TRANSFORMATION**

High School Degree

High school degrees are designed to give every child equal opportunity on attending tertiary education. Tertiary education is important because it provides a learner with the reasoning ability. These degrees mold learners from an early age to think critically. As we discussed at the parents workshop, it is essential to enroll your child at an early age. These high school degrees are for free for every learner in Zimbabwe.

Agriculture and Horticulture

Subjects at A level

- Biology
- Chemistry
- Mathematics
- Environmental Science

Learning Resources

- Research Writing
- Academic Writing
- Choosing & Applying for University
- CV Writing
- Navigating Career Path Options
- Business School
- Interviews

Introduction to Degree

Key Modules

Skills Development

Research

Enroll for this degree introductory course

Explore Other Degree Options

Description:

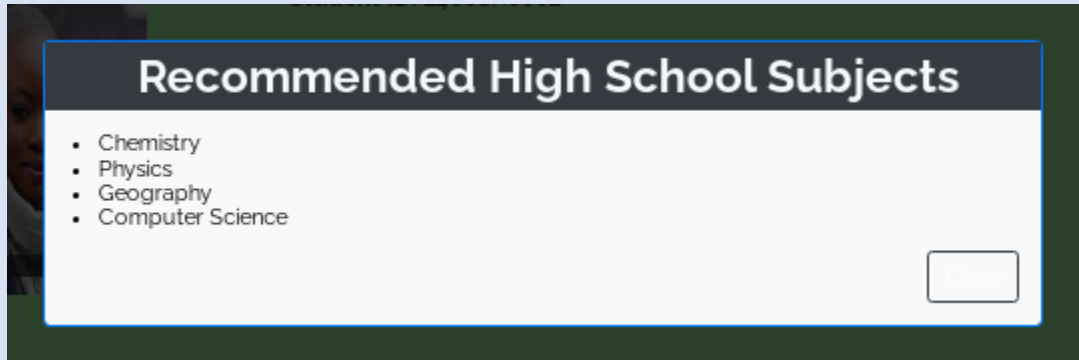
Introduction to degree course was developed in response to high dropout and failure rates of university students. The program fully supports successful progression of students from high school to undergraduate study and beyond. This course introduces students to a degree, giving students a frame work and direction in their area of study. We are well aware that if students fail to understand the foundation of the subject they are likely to lose interest in the subject that is why this course was designed to make it easier for students. The course is equipped with most of the learning materials required by students to understand their degree program.

This course was developed in consultation with universities at global. The course is designed to give students a deeper knowledge and understanding of the degree. The course is designed to enhance the creativity and critical thinking skills that are needed by students to develop their own ideas at University standard. Taking students step by step, to simplify and to explain the degree.

The course equips students with the knowledge needed to make an informed decision before starting and during your studies enabling students to plan ahead, minimizing student failure rates. The process makes knowledge transfer easier between students, universities, professionals, employers and research institutes. The aim of this course is not to make learners passive but also to help out multi-section to use. We understand that most students at the moment fail to achieve their goals.

High School Subjects

This section presents a list of automatically identified subjects that are essential for the learner's chosen career path.

A screenshot of a web interface showing a box titled "Recommended High School Subjects". The box has a dark header with the title in white. Below the header, on a light background, is a bulleted list of subjects: Chemistry, Physics, Geography, and Computer Science. In the bottom right corner of the box is a small, light-colored button with the text "Show More" in a dark font.

Recommended High School Subjects

- Chemistry
- Physics
- Geography
- Computer Science

Show More

Vocational Qualifications (trade tested)

This section gives the equivalence of trade tested qualifications against our traditional qualifications. It also provides a variety of qualifications that can be obtained via trade testing (Vocational Courses).

Trade Tested Qualifications

No qualifications recorded

List of trade tested vocational training courses
→

Zimbabwe National Qualifications Framework

LEVEL 1 (ONE)
Equivalence : Grade 7
Professions : Entry Level

LEVEL 2 (TWO)
Equivalence : Ordinary level
Professions : National Foundation Certificate

LEVEL 3 (THREE)
Equivalence : Advanced level
Professions : Skilled Worker Class 3 and 4

LEVEL 4 (FOUR)
Equivalence : National Certificate
Professions : Skilled Worker Class 2; Assistant Technician

LEVEL 5 (FIVE)
Equivalence : National Diploma
Professions : Skilled Worker Class 1; Technician Level 1

Heritage Identity

This section provides a learner with an overview of our country's heritage, to foster a sense of belonging and pride among our citizens. It aims to impart knowledge about our natural resources, key industrial sectors, and traditional practices.

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Familiarisation

DISCOVERY

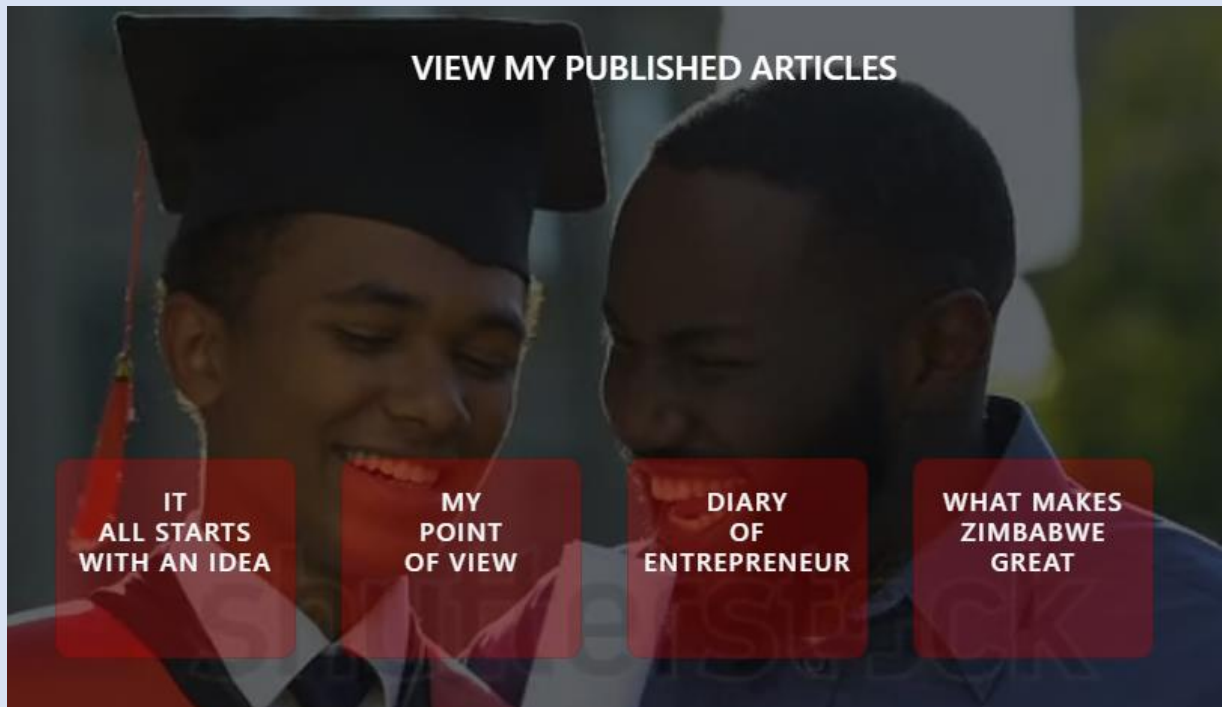


MAJOR CAREERS AND COMPANIES PER SECTOR



Problem Solving Articles

This section is designed to equip learners with the ability to write articles that provides local solutions to our local problems. By so doing we are training our learners to be able to identify solutions.



Labour Market

This section provides a labour hub where learners can showcase their skills, providing equal opportunities for every learner in the country to demonstrate their abilities to potential employers.

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Choose Province

Bulawayo	1	Harare	0
Manicaland	0	Mashonaland Central	0
Mashonaland East	0	Mashonaland West	0
Masvingo	0	Matabeleland North	0
Matabeleland South	0	Midlands	0

High School Exit Plan (My Vision)

This high school exit plan or learner's Vision is designed to give learners an understanding to what they have to do after school. It outlines the intended path of a learner after they finish high school, including their goals, objectives, aims and timelines.



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High School Exit Plan (My Vision)
student: 25Ao18A6651

INTENDED PATH

University

UNIVERSITY

find a university

Preferred University
Midlands State University

DEGREE

Agriculture and Horticulture

AIM(S)

As an agronomy student, my aim after graduation is to leverage my knowledge and skills to enhance agricultural productivity and sustainability. I aspire to work with farmers and agricultural organizations to implement innovative practices that optimize crop yields while minimizing environmental impact. My goal is to address challenges such as climate change and soil degradation by promoting sustainable farming techniques. I also aim to engage in research that contributes to food security and resilience in agricultural systems. Ultimately, I seek to make a meaningful impact on the agricultural sector and support rural communities in achieving sustainable development.

OBJECTIVES & GOALS

As an agronomy student, my objectives and goals after graduation include:

Enhancing Agricultural Practices: Implement innovative and sustainable farming techniques to improve crop yields and soil health.

Research and Development: Engage in research projects focused on addressing challenges like climate change, pest management, and resource conservation.

Collaboration: Work closely with farmers, agricultural organizations, and government agencies to promote best practices and share knowledge.

Education and Advocacy: Educate communities about sustainable agriculture and advocate for policies that support rural development and food security.

Continuous Learning: Stay updated on advancements in agronomy to effectively contribute to the industry.

TIMELINES

As an agronomy student, my timeline after graduation includes:

Year 1: Secure an entry-level position in agricultural consulting or research, gaining hands-on experience in the field.

Year 2: Pursue certifications in precision agriculture and sustainable farming practices to enhance my skill set.

Year 3: Engage in a significant research project or internship focused on a specific agricultural challenge.

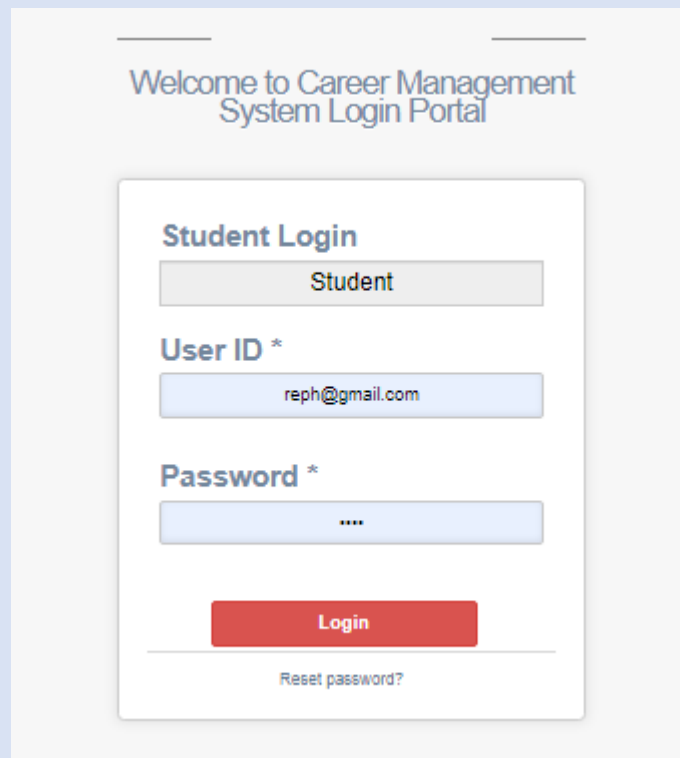
Year 4: Attend workshops and conferences to network with industry professionals and stay informed on industry trends.

FINAL THOUGHTS

As I conclude my studies in agronomy, I am filled with optimism and determination for the future. I recognize the critical role agriculture plays in ensuring food security and environmental sustainability. My education has equipped me with the knowledge and skills to tackle pressing challenges in the field. I am eager to apply innovative practices and collaborate with farmers and communities to promote sustainable agriculture. Continuous learning and adaptability will be vital as I navigate this dynamic industry. Ultimately, I aspire to make a meaningful impact in the agricultural sector, contributing to a more resilient and sustainable future for all.

Student Dashboard

This section leads to the student dashboard where learners can access a variety of tools essential for facilitating a smooth transition from classroom-based learning to skills-based education.



Welcome to Career Management
System Login Portal

Student Login

User ID *

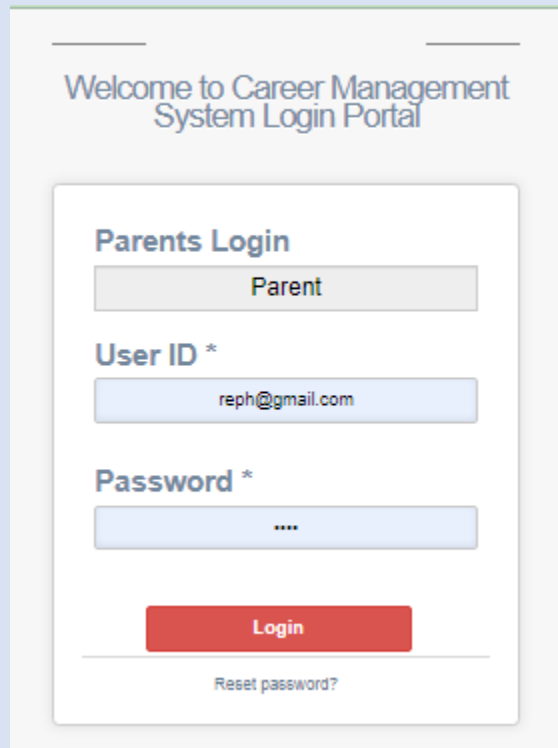
Password *

[Reset password?](#)

The image shows a web form for student login. It has a light yellow background. At the top, it says 'Welcome to Career Management System Login Portal'. Below that is a white box with a shadow. Inside the box, it says 'Student Login'. There are three input fields: a text field with 'Student', a text field with 'reph@gmail.com' labeled 'User ID *', and a password field with '****' labeled 'Password *'. Below the password field is a red 'Login' button. At the bottom of the white box is a link that says 'Reset password?'.

Parent Dashboard

This section leads to the parent dashboard, enabling parents to track their children's performance and access real-time reports, including progress updates from the school.



The image shows a login interface for parents. At the top, it says "Welcome to Career Management System Login Portal". Below this is a "Parents Login" section. It includes a dropdown menu currently set to "Parent". There are input fields for "User ID *" containing "reph@gmail.com" and "Password *" with masked characters. A red "Login" button is positioned below the password field. At the bottom of the login section, there is a link that says "Reset password?".

Welcome to Career Management
System Login Portal

Parents Login

Parent

User ID *

reph@gmail.com

Password *

....

Login

[Reset password?](#)

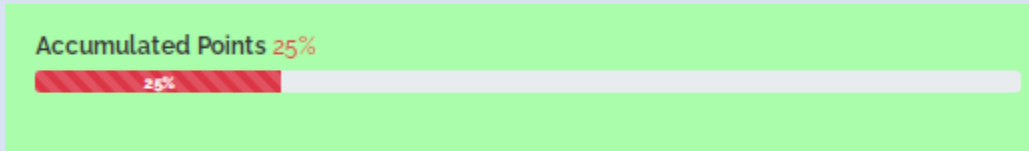
Social Media Channels

This section displays our social media channels, designed to integrate profileblackboard.com with stakeholders, facilitating communication, engagement, and information sharing.



Accumulated Points

The Accumulated Points System displays points for each achievement a learner attains, ultimately calculating an overall achievement percentage.



Learner's Excursion Report

This report provides an in-depth analysis of the trips taken by the learner during their educational journey. It reflects the learner's performance from a practical perspective. The insights presented in the report can be utilized by employers to assess the learner's practical abilities and overall suitability.



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PROBLEM IDENTIFIED

During my recent education tour to a local farm as a student agronomist, I observed several challenges faced by farmers, the main one being agricultural marketing. The following issues significantly impact the farmers' ability to bring their products to market effectively.

Key Challenges

Market Access: Farmers often struggle to find reliable buyers. Many small producers lack the connections necessary to reach larger markets, relying instead on local buyers who may not offer fair prices.

Price Fluctuations: The report highlighted that farmers often experience volatile prices for their products. This uncertainty makes it difficult for them to plan financially and can lead to losses when prices drop unexpectedly.

Transportation Issues: Efficient transportation is critical for getting products to market. However, many farmers face logistical challenges that can lead to delays and spoilage, especially for perishable goods.

Quality Control: Farmers find it challenging to maintain consistent quality due to various factors, including lack of resources and knowledge about best practices. This inconsistency can result in negative feedback from buyers.

Power Imbalance: The market tends to favor larger agricultural enterprises, leaving small farmers at a disadvantage. This imbalance discourages them from producing more than they need for personal consumption.

ANALYSIS OF PROBLEM

Activate Windows

Placement

This section provides the placement details of a learner.

Skills Gap Management Course

PLACEMENT

No.	Company Name	Period (Duration)	Level	Action
1	Seed Co	4 April 2024 to 10 May 2024	Form 1	More details

Close

Student Dashboard: Login

Learner Diary

This section showcases the diary of a learner, reflecting their learning experiences, thoughts, and progress. It helps create a comprehensive learner profile.

STUDENT PROGRESS DIARY

No.	Date	Title	Action
1	02 December 2024	Pleasant Valley Farm Tour	More details

Close

Student Dashboard: [Login](#)

Skills Gap Audit

There are 10 areas that are asked in every interview. This section gives learners an idea of what they have to prepare from a very early age in order to have an early understanding on what they should know and practice from an early age.

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SKILLS GAP AUDIT

KEY COMPONENTS OF SKILLS GAP ASSESSMENT

A skills gap matrix identifies the difference between current employee skills and those needed to perform effectively. This assessment helps learners understand their workforce capabilities and development needs.

Identification of Required Skills
To determine the essential skills for specific roles that align with the learner's career objectives.

Evaluate Current Skills
Assess existing skills in relation to chosen career paths to establish a baseline.

Analyze Gaps
Compare the required skills with current capabilities to pinpoint deficiencies.

Develop Action Plans
Create tailored strategies to address identified skill gaps, such as training or mentorship.

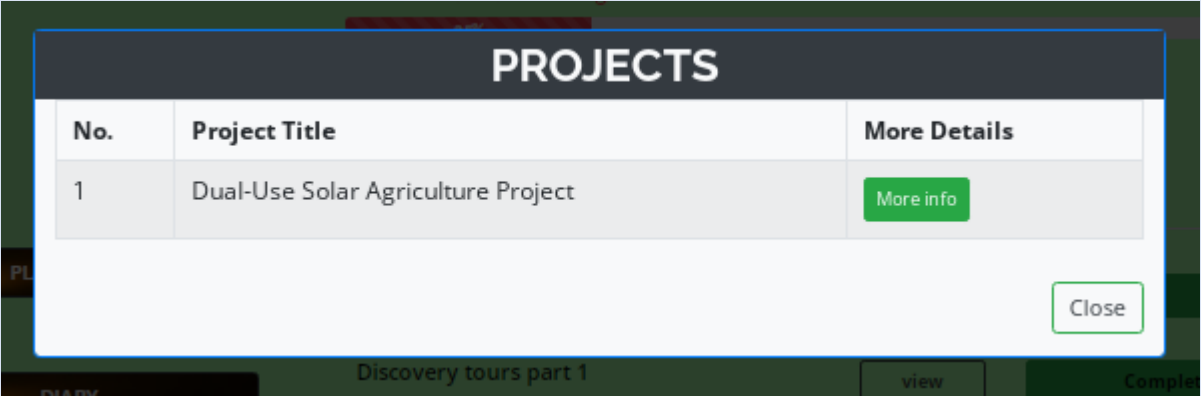
Monitor and Update
Continuously review and adapt skills requirements and development initiatives to align with technological advancements, market demands, and organizational goals.

Skills gap matrix

Activate Windows

Project

This section displays the projects completed by a student. These projects serve as tangible evidence of the activities a learner has engaged in, aimed at fostering active learning, critical thinking, and the practical application of knowledge.



The screenshot shows a modal window titled "PROJECTS" with a table containing one project entry. The table has three columns: "No.", "Project Title", and "More Details". The first row shows the number "1", the title "Dual-Use Solar Agriculture Project", and a green "More info" button. Below the table is a "Close" button. The background of the screenshot shows a dark interface with a "Discovery tours part 1" section and a "view" button.

No.	Project Title	More Details
1	Dual-Use Solar Agriculture Project	More info

Awards

This section displays a learner's awards. Learner awards are recognitions given for achievements, contributions, or exceptional performance in various areas.

Best Student in Agriculture and Horticulture

This award is presented to

John Chimuti

for being the top student in Agriculture and Horticulture in Form 3 for the year 2023.

No
profile
photo

2023