

## **Languages**

Language is a tool for thought and communication. Learning to languages effectively enables learners to think and acquire knowledge, to express their identity, feelings, and ideas, to interact with others, and to manage their world.

### **Examples of Career opportunities:**

- Interpreter
- Journalist
- Media Broadcaster
- Author
- Publisher
- Editor
- Tour Guide
- Translator
- Educator
- Lecturer
- Work in State Departments
- Work in foreign countries

## **MATHEMATICS**

Mathematics enables creative and logical reasoning about problems in the physical and social world and in the context of mathematics itself. The study of mathematics development through a deeper understanding and successful application of its knowledge and skills, while maintaining appropriate values and attitudes.

### **EXAMPLES OF CAREER OPPORTUNITIES**

- Teacher
- Medical Doctor

- Physicist
- Pharmacist
- Actuarial Scientist
- Engineer
- Astrologist
- Astronomist
- Technician
- IT Industry
- Architect
- Dentist
- Civil Engineer
- Electronics Industry
- Town Planner Pilot

## **MATHEMATICAL LITERACY**

Mathematical Literacy provides learners with an awareness and understanding of the role that mathematics plays in the modern world. Mathematical Literacy is a subject driven by life-related applications of mathematics. It enables learners to develop the ability and confidence to think numerically and spatially in order to interpret and critically analyse everyday situations and to solve problems.

### **EXAMPLES OF CAREER OPPORTUNITIES:**

- Teacher
- Plumber
- Bricklayer
- Welder
- Computer programmer
- Bookkeeper
- Sales Worker
- Chef

- Business Manager
- Ceramicist
- Fashion Designer
- Caterer

## **Physical Science**

This subject focuses on investigating physical and chemical phenomena through scientific inquiry. By applying scientific models, theories, and laws it seeks to explain and predict events in our physical environment. This subject also deals with society's desire to understand how the physical environment works, how to benefit from it and how to care for it responsibly.

### **EXAMPLES OF CAREER OPPORTUNITIES:**

- Teacher
- Medical Doctor
- Zoologist
- Pharmacist
- Actuarial Scientist
- Engineer
- Astrologist
- Astronomist
- Technician
- IT Industry
- Architect
- Land Surveyor
- Civil Engineer
- Physiotherapist
- Biologist
- Town Planner
- Physicist
- Dentist
- Aeronautical Engineer
- Chemist

## **Computer Applications Technology**

These subject enable learners to use computers in social and economic environment, through the use of current programming language, hardware, and software, and how these apply to their daily lives.

### EXAMPLES OF CAREER OPPORTUNITIES

- Database designer
- Computer Technician
- Software engineer
- Pilot
- Computer Engineer
- Computer Programmer

## **Technology**

These subject enable learners to use computers in social and economic environment, through the use of current programming language, hardware, and software, and how these apply to their daily lives.

### EXAMPLES OF CAREER OPPORTUNITIES

- Database designer
- Computer Technician
- Software engineer
- Pilot
- Computer Engineer
- Computer Programmer

## **Life Science**

The subject Life Science involve the study of life in a changing natural and human made environment. This systematic study involves critical inquiry, reflection and the understanding of concepts and processes and their application in society.

### EXAMPLES OF CAREER OPPORTUNITIES

- Marine Biologist
- Pharmacist
- Actuarial Scientist
- Astrologist
- Civil Engineer
- Electronics Industry
- Botanist
- Nurse

- Zoologist
- Ecology
- Horticulture
- Physiologist

### **Life Orientation**

This is a study of the “self” in relation to others and to society.

#### EXAMPLES OF CAREER OPPORTUNITIES

- Teaching
- Service Industry
- Care-giving
- Nurse
- Social Worker
- Safety and Security
- Policeman
- Army
- Human Resource Management
- Sports
- Media
- Politics
- Fitness Industry

### **Geography**

Geography is a science that studies physical and human processes and spatial patterns on Earth in an integrated way over space and time. It examines the spatial distribution of people and their activities, physical and human-made features, ecosystems and interactions between humans, and humans, and between humans and the environment in a dynamic context.

Geography helps learners to make well-informed judgments about changing environments and contexts.

#### EXAMPLES OF CAREER OPPORTUNITIES

- Degree in geography and environment Science
- Archeology
- Town Planning
- Architecture
- Central and local government
- CSIR
- Weather Bureau
- General and environmental journalism
- Environmental Planning

- Rural and Urban Planning
- Conservationist
- Cartography (Map Making)
- GIS Specialist Land Surveying

## **Tourism**

Tourism involves the study of why people travel and how to meet their needs. This subject will empower learners to an understanding of the related services in the tourism industry, the interdependence of sectors and sub-sectors, and the benefit tourism brings to the South African economy. The subject will help learners to acquire skills, knowledge, values and attitudes necessary to communicate effectively with customers, identify needs and provide the required service to ensure customer satisfaction.

### **EXAMPLES OF CAREER OPPORTUNITIES**

- Car Hire Companies
- Events Management
- Government Tourism Department
- Tour Operating Companies
- Tourism Boards
- Tourist Guiding
- Travel Agencies
- Tourism Information Officer/ Co-ordinator/Manager
- Tourism Marketing Co-ordinator/Manager
- Events Co-ordinator/ Manager
- Airline Cabin Crew/ Flight Attendants
- Car Hire Reservations Clerk / Manager
- Restaurants & coffee shops
- Hotels
- Fast-food outlets
- Bed & Breakfast establishments
- Hospitals/ Hostels
- Resort/ Game Lodges/ farms
- Cruise ships
- Product Developer

## **Engineering Graphics and Design**

This subject gives the learners the opportunity to:

- Communicate ideas graphically by using drawing instruments and computer – based tools.
- Carry out projects using the design process

- Learn by solving problems in creative ways
- Learn by dealing directly.

## EXAMPLES OF CAREER OPPORTUNITIES

- Architecture
- Plan Drawing
- Graphic Designing
- Electrical Draughtsperson
- Draughtsperson
- Mechanical Draughtsperson
- Designing (Furniture, Automobiles, Aeronautics)

### **Business Studies**

This subject deals with the knowledge, skills, attitudes, and values critical for informed, productive, ethical, and responsible participation in the formal and informal economic sectors. Learners will learn how to effectively analyse and deal with different environments to initiate and carry-on business ventures and successfully carry out business operations.

## EXAMPLES OF CAREER OPPORTUNITIES

- Chartered Accountant
- Financial Accountant
- Cost Accountant
- Bookkeeper
- Banking Services
- State Accountant
- Department of Finance
- Industrial Buyer
- Production Manager
- Department of Trade and Industry
- Department of Tourism
- Chief Financial Officer
- Sales Executive
- Auctioneer Systems Analyst

### **Accounting**

## EXAMPLES OF CAREER OPPORTUNITIES

- Chartered Accountant
- Financial Accountant
- Cost Accountant
- Bookkeeper

- Banking Services
- State Accountant
- Department of Finance
- Industrial Buyer
- Production Manager
- Department of Trade and Industry
- Department of Tourism
- Chief Financial Officer
- Sales Executive
- Auctioneer Systems Analyst

### **Economics**

Economics is the study of how individuals, businesses, governments, and other organizations within our society choose to use scarce resources to satisfy their numerous needs and wants in a manner that is efficient and equitable. Economics equips learners with knowledge, skills, attitudes, and values that will enable them to participate in, contribute to, adapt to and survive in a complex economic society. It will enable them to demonstrate a critical awareness of the benefits of responsible and sensitive resource utilization.

#### **EXAMPLES OF CAREER OPPORTUNITIES**

- Chartered Accountant
- Bookkeeper
- Banking Services
- Business Sector
- Teacher
- Economist
- Investment Analyst
- Tax Consultant
- Financial Economist
- Stockbroker
- Market Researcher
- Budget Analyst
- Business Analyst
- Personal Financial Advisor
- Auditor
- Real Estate Agent

### **Maritime Economics**

This subject deals with the knowledge, skills, attitudes, and values critical for informed, productive, ethical, and responsible participation in the formal and informal economic sectors. Learners will learn how to effectively analyse and deal with different environments to initiate and carry-on business ventures and successfully carry out business operations.



## EXAMPLES OF CAREER OPPORTUNITIES

- Deck Hand
- Deck Officer
- Harbour Master
- Pilot
- Tug Master
- Purser
- Marine Lawyer
- Maritime Engineer
- Navigator Officer

### **Natural Science**

Natural science focusses on developing an understanding of the natural world. It explores the natural world from several perspectives, including chemical, physical, mathematical, environmental, and geological.

## EXAMPLES OF CAREER OPPORTUNITIES

- Research
- Lab Technician
- Teacher
- Conservation Officer
- Forensics
- Journalism
- Civil Service

### **Social Science**

Social science is a career field focused on the study of society and human nature by examining the groups and social institutions that people form. The field of social science field consists of people who work as practitioners or professors in their field of interest including anthropology, Archeology, criminology, economics, linguistics, history, political science, sociology, human geography, and psychology.

## EXAMPLES OF CAREER OPPORTUNITIES

- Professor
- Social Scientist
- Psychologist
- Teacher – Social Studies, Government, Psychology, Civics
- Statistician
- Criminologist
- Anthropologist

## **Economic Management Science**

The subject Economic and Management Sciences deals with the efficient and effective use of different types of private, public, or collective resources to satisfy people's needs and wants. It reflects critically on the impact of resource exploitation on the environment and on people. It also deals with effective management of scarce resources in order to maximise profit. Economic and Management Sciences is a practical subject that equips learners with real-life skills for personal development and the development of the community. The tasks set should contribute to personal development and should promote the idea of sustainable economic growth and the development of the community

### EXAMPLES OF CAREER OPPORTUNITIES

- Banking Analyst
- Bank Manager
- Bank Teller
- Broker
- Chief Financial Officer
- Credit Analyst
- Credit Bureau Manager

## **Creative Art**

The subject Creative Arts provides exposure to and study of a range of art forms including dance, drama, music, and visual arts (including design and crafts). The main purpose of the subject Creative Arts is to develop learners as creative, imaginative individuals who appreciate the arts and who have the basic knowledge and skills to participate in art activities and to prepare them for possible further study in the art forms of their choice in Further Education and Training.

### EXAMPLES OF CAREER OPPORTUNITIES

- Graphic Designer
- Professional Artist
- Photographer
- Curator
- Art Teacher and University Lecturer