

Sub-Topic: Career fields

Informal activities

In the world of work, there are six career fields. These fields consist of a wide variety careers, each with its own opportunities and challenges. If you can identify your interests and abilities and can match them to a certain career, it would be much easier for you to choose a career where you will be happy and fulfilled.

1. Qualities relating to each field: interests and abilities, school subjects, work environment and activities in different career fields.

1.1. Define the following words:

1.1.1. Career:

_____ (2)

1.1.2. Career field:

_____ (2)

1.1.3. Interests:

_____ (2)

1.1.4. Abilities:

_____ (2)

[8]

1.2 Underline/colour your applicable interests, abilities and work environment & activities in column 3. You will then be able to see which school subjects related to each career field, will be possible FET subject choices at the end of grade 9. Also underline the possible choices of careers in the second column

QUALITIES RELATING TO EACH CAREER FIELD / INTERSTS AND ABILITIES

Career field	Examples of careers	Qualities /Interests Abilities
Agriculture, food and natural resources	Outdoors – builder, driver, forester, farmer, gardener, horticulturist, nature conservationist, labourer, land surveyor, game ranger, veterinary, veterinary nurse or marine biologist. carpenter, factory worker, mechanic, mine worker, tour guide, waiter,	Selling crops / live stock.Help farmers to increase production, process food and protect environment. Like working with plants, animals and outdoors. Like nature and the environment. Like to mend and repair things, able to use hand tools and
Subjects. Technology, NS, SS, Math, EMS, CA		

		machinery, driving a vehicle, enjoy working with my hands.
Business management and administration	Finance- Work with the money of a business, Human Resource manager.	Mathematics Train people/ Communication skills Lead, manage, control people. I like routine, interested in figures and finances, work quickly and accurate with numbers, can identify mistakes in figures, like to be a organised person.
Subjects Tech, NS, SS, Math, EMS, CA	Sales manager , secretary, postal worker, accountant, bookkeeper, caterer, domestic worker, administrator, personal assistant, office manager, director, manager, lawyer, town planner, auditor, sales assistant, marketing manager, advertising assistant.	
Communication and information systems (Two career cluster)	Information technology Use computers/software Computer programmer, IT specialist, software designer, website designer, information technologist, computer technician, gaming designer	Store, protect, process, send and retrieve information. Perform on tv, live audience. Can use computers and software, design programmes, install new software on computers, ability to use consoles for game stations – Xbox, play station –Wii. Can cerate something new like a story, game or play. Good at art, music, dancing, acting. Can design clothes/cars/boats/buildings/jewelle ry.
Subjects Languages, Tech, NS, SS, Math, EMS, CA.	Arts, audio/video technology Actor/artist/comedian, dancer, DJ - disk jockey, produce a film, magazine /newspaper, painter, writer, dancer, radio presenter, choreographer, producer of film, theatre, editor of magazine or newspaper, tour guide, waiter.	
Engineering, manufacturing and technology (Four career clusters)	Architecture/ Construction Architect, build houses, buildings roads, bridges, dams, cities. Architect, builder, carpenter, engineer	Design, construct buildings, making products, install, repair products. Create new products Analyse, scientific research in labs.
Subjects Technical Drawing, Physics, Chemistry, Physical Science, Mathematics, Computer Science, Trade Theory, Metalwork, Technology	Manufacturing Furniture, wood, steel, glass, dresses, trousers. Science, engineering, technology and mathematics Archaeologist, aircraft mechanic, chemist, dentist, microbiologist, technician, detective, engineer, biomedical, civil, chemical , electronic, electrical, industrial.	To make things, fix radios//cars/toys/machines. Can create new things from scratch with paper machè, wood, material. Interested to know how things are put together, enjoy to solve problems, puzzles. I like Mathematics. Very interested in aircraft, rains, boats.
	Transportation , distribution and logistics. Driver, pilot, engineer, captain of vessel. Traffic controller, ambulance, project manager,	Moves people and products by air, water, rail and road. Repair vehicles, trains, ships, aircraft.

	supervisor, flight attendant, traffic. technician, ship pilot.	
Health science technology	Doctors, nurses, midwives, chiropractors, dental technicians, forensic science technicians, therapists, psychologists, psychiatrists, pharmacy technicians, radiologists.	Treat patients with injuries, diseases. Work in office, hospital, clinic, laboratory, cruise ship or hotel. Interested in keeping people healthy, interested in diseases how they are caused and treatments. Interested to work in hospitals, labs, clinics. I can make things. Like Mathematics and Science. Like to do research to find solutions.
Subjects : Physics, Life Sciences, Mathematics, Chemistry.		
Human services (Four career cluster)	Education and training Teacher assistant, librarian, social worker.	Enjoy working with people, explain how things work, lead a discussion with ease. Care, empathy. Listen to problems of people. I have the ability that people will open up to me. I make friends easily and maintain friends.
Subjects : SS, CA, Languages, Physical Sciences , Agricultural Science, History, Geography, Technology, Home Economics.	Government and public administration Accountant, administrative officer, human resource manager, translator. Helping people Counsellor, teacher, nurse, social worker, caregiver, occupational therapist, physiotherapist, osteopath, police officer, firefighter, emergence social worker, legal service providers, psychologists, psychiatrists,. Keeping people safe Police officer, detective, criminologist, security officer, attorney, public defender, magistrate , judge, correctional service officer, prison warden.	

3. Opportunities within each career field:

Different opportunities can be found within different career fields. The important thing to remember about opportunities is that you need to look out for them. (Oxford Successful, LB.p.61, Act. 5.1.4)



3.1. Collect and read job adverts from various local and national newspapers (Section on Careers). Cut out and categorise your adverts into the different career fields.

Job adverts from various local and national newspapers.

3.2. Look at the opportunities in career fields.

Taking part in job shadowing as it is important to know if you will cope in the job you are interested in. **Example** To be a pilot – Part of your training takes place in a simulator to test your coping skills of this job.

Training institutions also offer simulated administration training.

Example : A company let you do real bookkeeping or to operate a business computer. Getting holiday jobs or volunteer to do a job you are interested in. Go to different websites to research job opportunities.

Challenges within each career field

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4.1. List the following career field's potential challenges. Complete the following table.

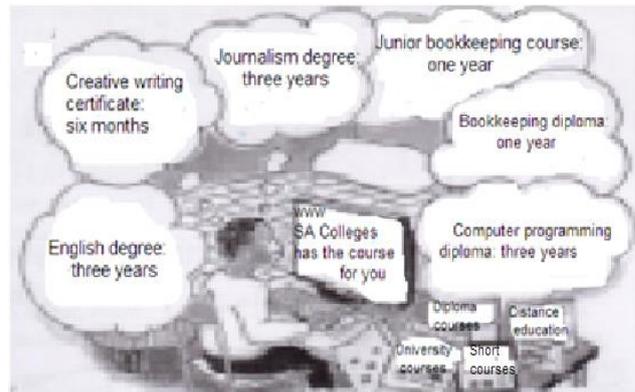
Career field	Potential challenges
1. Business management and administration	1.
	2.
	3.
2. Communication and information systems	1.
	2.
	3.
3. Health science technology	1.
	2.
	3.

4. Human services	1.
	2.
	3.
(12)	

(LO Today LB. p.68, TG. p.50, Act. 20)

4. Level of schooling – requirements for each career field

In every career field, you can work at different levels that require different levels of education. If you are interested in a career that requires further study, it is very important that you find out what school subjects you need.



5.1. What are the two most common routes to continue learning after completing Grade 9? Also indicate what further study opportunities does it leave you with.

Most common routes to continue learning after completing Grade 9.	Possible further study opportunities.
1.	1.
2.	2.

5.2. Complete the level of schooling for the following jobs:

Job	School and further study requirements
1. Builder	
2. Clerk	
3. Mechanical engineer	

4. (your choice)	_____

5. Services and sources for career fields and study information

I'm a career counsellor. I will tell you more ...

Look, this newspaper has a section on different career fields....

I found a wonderful book at the public library...

I found very useful career information on the internet....

List 5 services and sources of career information.

- 6.1. _____
- 6.2. _____
- 6.3. _____
- 6.4. _____
- 6.5. _____

6. Read the following scenario and then find a solution for Sindy as regards to a career field. Answer the following questions.

Sindy Scott is the eldest child in her family and in Grade 7. Being the eldest, she has always looked after her parents are away or at siblings are all under the age very good at managing and the household chores. time by making to-do lists them meticulously. This way do her schoolwork as well as the little ones.

She manages her and following she finds time to spend time with

She is a good student at school and her favourite subjects are Mathematics and Computer Studies. She loves working with money, and she is the one who budgets for her family's weekly shopping.

She often goes to the library to read up on how to manage a home on a small budget. Her parents allow her to do the weekly budgeting for the home as she seems to have a natural flair for it.



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Adapted from: LO for the real world, LB. p.148, Act.13.4

Questions:

7.3.1. Which career field you think Cindy may lean toward? (1)

7.3.2. What do you think is her natural abilities and interests?

Abilities: _____ (1)

Interests: _____ (1)

7.3.3. What is her level of competency now? (In other words, what is her NQF level at this stage?) (1)

7.3.4. Write down the opportunities that are available in the career fields you have chosen for Cindy. Also choose possible school subjects. Complete the table below:

Career fields	Possible occupations	School subjects
(1)	(3)	(2)
(1)	(3)	(2)
(1)	(3)	(2)

[18]

7.3.5. What challenges would she come across in this field? List three.

(3)

Would she be able to overcome them? Yes /No? _____ (1)
How (if previous answer is "yes")?

(1)

7.3.6. What schooling does she need to complete to be able to follow this career field?

(2)

7.3.7. What type of qualification can she get on the different NQF levels?

(2)

7.3.8. Which activities at school would Sindy be interested in?

(2)

Why? _____ (1)

7.3.9 Sindy would like to be part of her community. Which activities would you suggest she would enjoy being part of?

(1)

[35]

