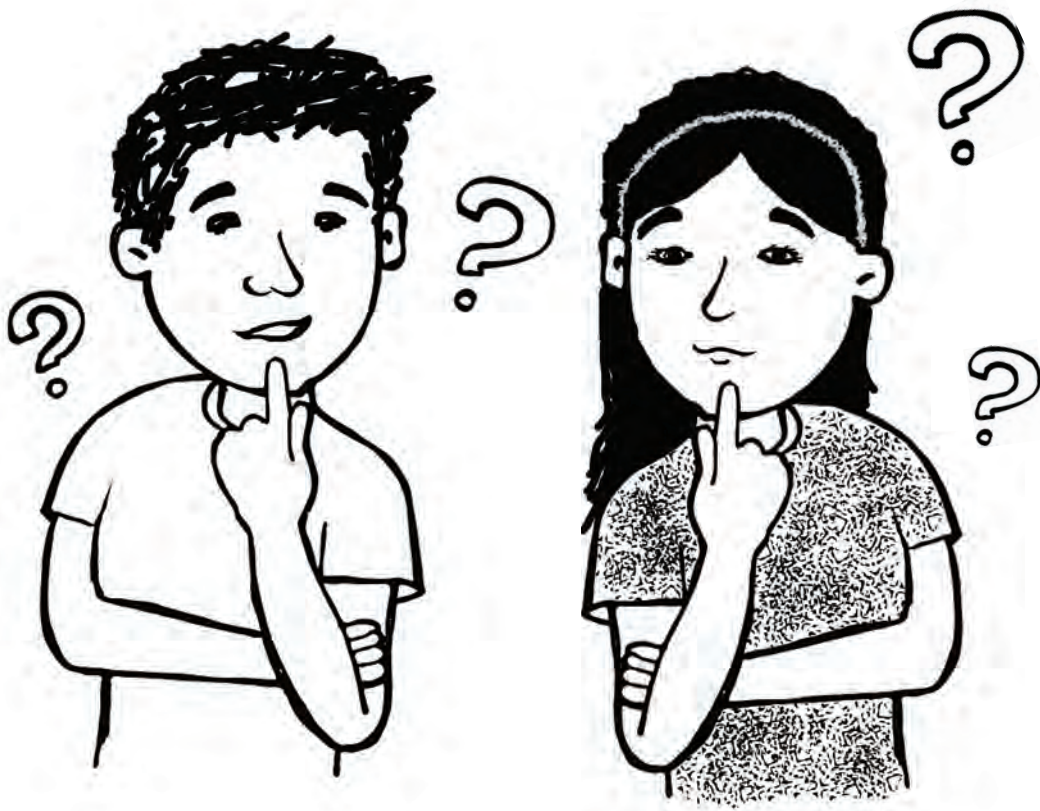


SUBJECTCHOOSER

Grade 9

*Make the RIGHT
Subject Choice*



School Name:

First Name:

Surname:

Grade:

CHOOSING SUBJECTS

Are you ready to choose your subjects for grade 10 ?

In Grade 9 you will need to choose the subjects you will be taking for Grade 10, 11 and 12.

- Do you know what subjects you are going to take?
- Is there a subject you are unsure about?
- Will your subjects allow you to study what you want to study when you leave school?
- What marks do you need to get into university or college in order to study the course you like?
- Are you unsure whether to take Mathematics or Maths Literacy?
- Are you unsure whether to take Physical Science?

These are common concerns when making subject choices in Grade 9 and will be addressed in this workbook.

Here are your subject options:

- Take 7 subjects
- Take the 3 compulsory subjects
- Choose between Mathematics and Mathematical Literacy?
- Choose 3 subjects of your choice, based on your highest fields of interest and your career requirements.

1. LANGUAGE (HOME LANGUAGE LEVEL)

2. LANGUAGE (FIRST ADDITIONAL LEVEL)

3. LIFE ORIENTATION

4. MATHS ?



4. MATHS LITERACY?

5.

?

6.

?

7.

?

Compulsory

Choose between

Choose

Things to consider when choosing subjects:

- What subjects you enjoy doing
- Your academic achievement
- Your Career Field of interest

Fill in the table below

Do questionnaire & discover your top Career Fields of interest

Your favourite subjects and your marks:

Write down your current subjects and marks in the table below. Write down your latest marks if you don't have your final marks available. Tick your two favourite and two least favourite subjects in the columns provided below?

PS: Are the subjects that you enjoy the most are usually subjects which you do well in?

SUBJECTS (GRADE 9)	LATEST MARK	FAVOURITE	LEAST FAVOURITE

Your Career Field

A Career Field is a family of related careers. Complete the self exploration questionnaire on your goStudy school career guidance website (click on questionnaire) to determine which career fields you are interested in.

PS. The best subject choices are made when you know what career field you are interested in and can then find the best subject combinations for your chosen field.

An example of some of the career fields below.

CAREER FIELD	DESCRIPTION
Visual Arts	This field involves drawing, designing or sculpting art.
Marketing & Sales	This field involves researching, developing, packaging and face-to-face selling of products and services.
Trades	This field involves the use of tools, machinery and equipment.
Sport	This field involves doing sport and managing sports activities.
Creative Services	This field involves working with your hands to create services for people.
Law	This field involves advising, researching, debating, interpreting and making judgements on issues relating to the law.
Social science	This field focuses on understanding people, society and culture.

MATHEMATICS OR MATHS LITERACY?

Are you struggling to choose between Maths and Maths Literacy? Both Mathematics and Mathematical Literacy are important subjects. Every career involves some level of Mathematical Literacy, but not all careers require Maths. After doing the PACE self-exploration questionnaire, did you score high in the fields of Science, Engineering, or Medicine? Most of the careers in these fields require Mathematics.

Ask yourself:

- Do I need Maths for my career field(s)?
- Do I enjoy Maths?
- Am I passing well in Maths in Grade 9?

If you answered **yes** to any of these questions then consider doing Maths as one of your subjects. If you are not passing or you are doing badly in Maths in Grade 9, consider choosing Maths Literacy.

For most people the choice between Maths and Maths literacy is a big choice to make so if you are not sure what to take read more on the choice between Maths and Maths Literacy below.

maths

If you are wanting to do a **scientific field** requiring maths, then you need to do Maths at school.

Eg., Engineering, Accounting, Actuarial Science, Medical Science, Business and Business Science

If you are wanting to do a career in one of these fields at university, then you should take Mathematics as one of your subjects. These fields involve abstract problem solving and reasoning.

Maths Literacy

The aim of Mathematical literacy is to develop mathematical skills in everyday situations i.e. general life skills such as reading a bank statement, or setting up a budget are requirements in mathematical literacy. A chef will need maths literacy to calculate weights and volumes when preparing food for a banquet. A psychologist will need to conduct surveys and then to represent and interpret data using sampling methods in statistics. However a psychologist will not need Mathematics.

MINIMUM REQUIREMENTS FOR THE NATIONAL SENIOR CERTIFICATE (NSC)

To pass the school year, you need to . . .

Pass 6 of the 7 subjects:

Home language: Obtain at least 40% in the Home Language

2 other subjects: Obtain at least 40%

3 Additional subjects: Obtain at least 30% in the other two subjects

*For a Degree Programme,
you need:*

A National Senior Certificate (NSC) with an achievement rating of

4 (Adequate Achievement, 50-59%) or better in four recognized 20-credit NSC subjects

Note that each university will have its own minimum entry requirements per faculty over and above these requirements.

*For a Certificate Programme,
you need:*

a National Senior Certificate and recognised NSC 20-credit subjects.

*For a Diploma Programme,
you need:*

You need a National Senior Certificate (NSC) with an achievement rating of 3 (Moderate Achievement, 40-49%) or better in four recognised NSC 20-credit subjects.

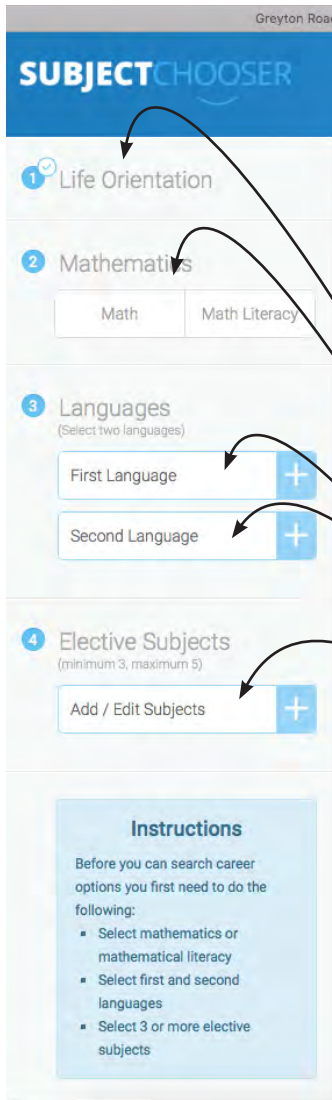
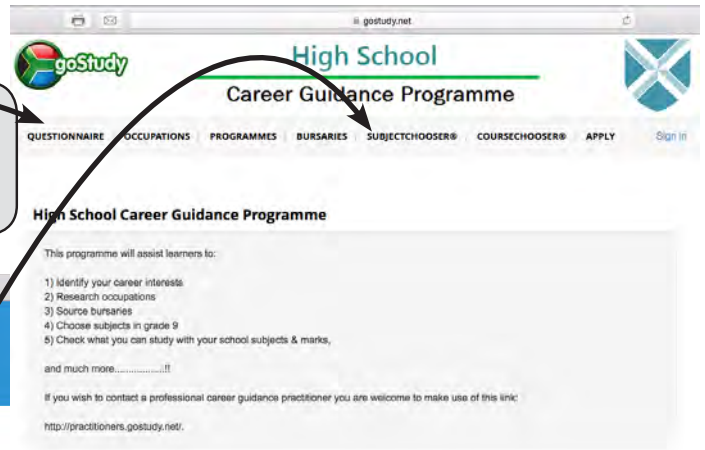
*Designated
Subjects*

***Approved subjects which
have been classified as
more suitable for
tertiary study.***

Accounting
Agricultural Sciences
Business Studies
Dramatic Arts
Economics
Engineering
Graphics and Design
Geography
History
Consumer Studies
Information Technology
Languages (all recognized languages)
Life Sciences
Mathematics
Mathematical Literacy
Music
Physical Sciences
Religion Studies
Visual Arts

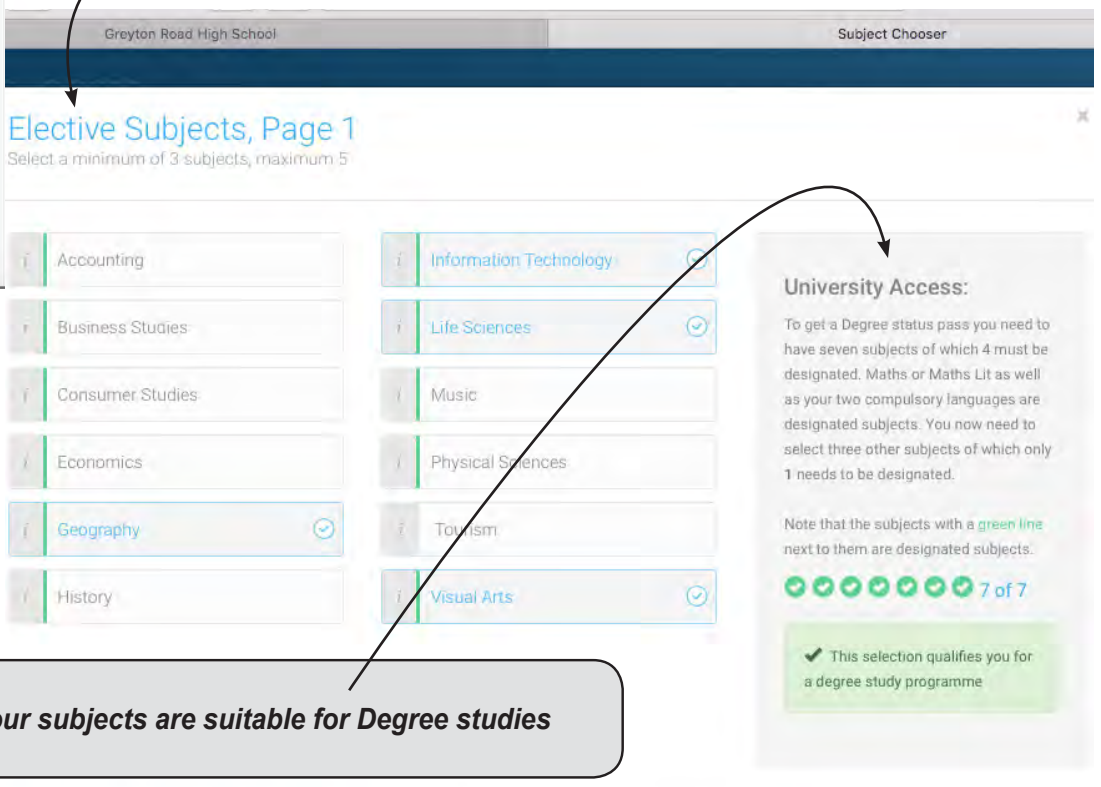
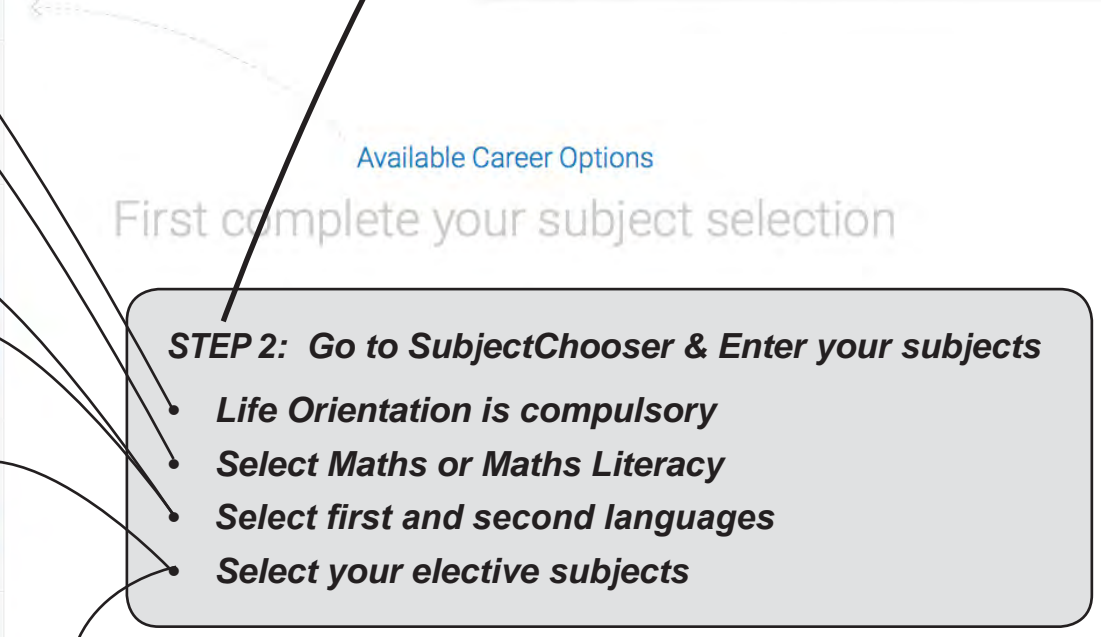
SUBJECT CHOOSER

STEP 1: Go to your goStudy school career website and do the Questionnaire

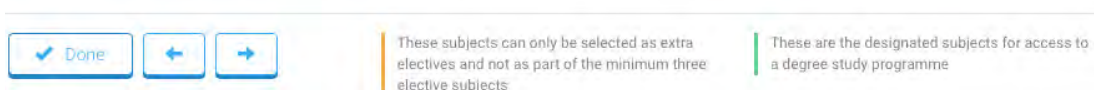


STEP 2: Go to SubjectChooser & Enter your subjects

- Life Orientation is compulsory
- Select Maths or Maths Literacy
- Select first and second languages
- Select your elective subjects



Check if your subjects are suitable for Degree studies



STEP 3: Look at career options linked to your subjects

SUBJECTCHOOSEER julle@pacecareers.com

1 Life Orientation

2 Mathematics
Math Math Literacy

3 Languages (Select two languages)
English +
Afrikaans +

4 Elective Subjects (minimum 3, maximum 5)
Add / Edit Subjects +
Geography
Life Sciences
Information Technology
Visual Arts

Show My Career Options

Career fields

Applied and Visual Art	-4
Clerical and Secretarial	34 -1
Crafts	57
Educational and Social Support	34 -1
Engineering	7 -4
Finance	10 -23
General Services	44
Health Science	-1
Health Services	
Information Technology	
Language	
Law	30 -1
Law Enforcement	23 -1
Management and Planning	
Marketing and Sales	
Performing Arts	
Plants and Animals	
Science and Mathematics	
Social Sciences	
Sport	
Trades	

Available Career Options

- Advertising
- Aerial Photographer
- Animator
- Architect**
- Architectural Metalworker
- Art Editor and Critic
- Art Historian

Careers you can't do with your subject choice are shown in red

Click on the career for more information

Architect

They discuss the purpose, requirements and cost with the client and then prepare drawings. If these are accepted the final design is prepared together with working plans for the use of contractors. The architect may assist the client in selecting a contractor. They may also help in the selection of building sites, preparation of costs, the carrying out of land-use studies and long-range site development planning.

Architects stay involved throughout the construction process, adapting their plans according to budget constraints, environmental factors or client needs. As such, they operate as part of an overall project team, they work closely with a range of construction professionals from quantity surveyors to building services engineers. Architectural technologists also carry out this supervisory work.

Many architects today are limited by costs to designing rather more mundane buildings, although they do occasionally get the opportunity to branch out into more adventurous fields such as opera houses, skyscrapers, hospitals, railway stations, supermarkets, airports and so forth. Their everyday work is usually the designing of dwellings for their clients and renovations or improvements to existing domestic and commercial buildings.

They usually need to design buildings that are durable, functional, suit the needs of the owners, are as pleasing to the eye as possible, given financial constraints, and that fit in with the surrounding terrain as much as possible.

To summarise, typical work activities include:

- creating building designs and highly detailed drawings both by hand and by using specialist computer-aided design (CAD) applications
- liaising with construction professionals about the feasibility of potential projects
- working around constraining factors such as town planning legislation, environmental impact and project budget
- working closely with a team of other professionals such as building services engineers, construction managers, quantity surveyors and architectural technologists
- applying for planning permission and advice from governmental, new build and legal departments
- writing and presenting reports, proposals, applications and contracts
- choosing the materials to be used and specifying the requirements for the project
- adapting plans according to circumstances and resolving any problems that may arise during construction
- making sure the project is running according to schedule and budget
- playing a part in project and team management
- travelling regularly to building sites, proposed locations and client meetings

For the most part an architect's working day will be office based. However, site visits and meetings with clients are frequent, so travel can figure prominently.

Click on the career for more information

SUBJECTCHOOSEER julle@pacecareers.com

Subject Selection for Julie Stead

Print Email Subjects Save as PDF

- English First Language
- Afrikaans Second Language
- Mathematics
- Geography
- Information Technology
- Life Sciences
- Visual Arts

STEP 4: View / print / email final Subject Choice

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RESEARCH CAREER FIELDS:

- After doing the Questionnaire which Fields did you score highest in?
- Write down your 3 highest fields below.
- For each Field, identify 2 careers that you like.
- Write down any compulsory subjects required for careers in this Field?

CAREER FIELD	CAREERS I LIKE IN THIS FIELD	COMPULSORY SUBJECTS ?
YOU SCORED HIGHEST IN OR LIKE MOST!	CHOOSE 2!	LEAVE BLANK IF THERE ARE NONE!
1		
2		
3		

What to study after school?

There are minimum entry requirements for degree or diploma studies. Keep in mind that to do degree studies you must have a matric with a degree entrance.

Check the minimum requirements for a National Senior Certificate (NSC) on page 5.

Where do you want to study? Do you meet the requirements? Tick (✓) in the relevant block(s).

University

University of Technology

Technical College

Private College

Other

FINAL SUBJECT CHOICE

Complete the subject choice sheet below and hand it to your teacher

Name: _____

Surname: _____

School: _____

Grade: _____

List your final subject choice

1. _____ Home language (compulsory)
2. _____ Second language (compulsory)
3. Life Orientation (compulsory)
4. _____ Mathematics or Maths Literacy

ELECTIVES

5. _____
6. _____
7. _____
8. _____ (optional)

This subject combination provides me with a matric exemption	Yes	No
My subject choice allows me entry into my career fields	Yes	No

Pupil Signature _____

Parent Signature _____