



ROOSEVELT HIGH SCHOOL

GRADE 9
SUBJECT
CHOICES

20
25



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GENERAL INFORMATION

- **NO subject is an easy option.** Every subject requires *commitment* and *effort*.
- Subjects become 'easy' when a learner is *interested*.
- If a learner knows what **career path** to choose, selection of subjects is not complicated.
- If a learner is **unsure** of a career there are two options:
 - Choose subjects that are interesting **to the learner (not the parent)**
 - Choose a subject selection that will allow **choice** in the future.



SECTION A COMPULSORY SUBJECTS



1. **COMPULSORY SUBJECTS**
 - English Home Language
 - Afrikaans First Additional Language and
 - Life Orientation
2. **EITHER Mathematics or Mathematical Literacy is COMPULSORY.**
 - **MATHEMATICS CAN ONLY BE TAKEN IF A 65 % AVERAGE IS ATTAINED IN GRADE 9.**
 - Mathematics and Mathematical Literacy may not both be chosen.
 - **Physical Science must be taken with Mathematics.** Therefore, Physical Science and Mathematical Literacy is not allowed.
 - If, at a later stage, a learner needs to change Mathematics to Mathematical Literacy, Physical Science will also have to change.
 - ***IF you qualify for, and choose Mathematics, please be aware that it requires dedication and perseverance. There is a great deal of practice needed which can be time-consuming.***
3. ALL subjects are awarded points for admission to tertiary institutions.
 - However – simply passing Grade 12 does not guarantee a place at a tertiary institution.

SECTION A

CONTINUES

4. The remaining 3 subjects are elective subjects.

5. **General information on elective subjects**

- *Sport and Exercise Science* needs to be taken with EITHER *Life Sciences* or *Physical Sciences*.
- *Sport and Exercise Science* requires participation in at least two school team / individual sports.
- *Design and Visual Art* may not both be taken.
- *Hospitality Studies* and *Consumer Studies* may not both be taken.
- *CAT* and *IT* may not both be taken.

6. All the subjects fit into different bands/sets – sometimes the subject choice is not possible because of a timetable clash.

WITH HARD WORK AND DEDICATION,
ANYTHING IS POSSIBLE.

TIMOTHY WEAH

SECTION A

CONTINUES

7. Subject changes

- Please think carefully about these subject choices.
- Having made the choices and started Grade 10, it is important to persevere and work diligently.
- Subject changes may not be done at any time during the year especially if there has been a lack of commitment to the subject and a poor work ethic.

SUBJECT CHANGES MAY BE DONE AFTER TERM 1 AND AT THE END OF THE YEAR! THERE IS NO OTHER TIME TO MAKE A SUBJECT CHANGE.

8. Entrance to a tertiary institution:

- ALL subjects are recognized by tertiary institutions.
- ALL subjects are awarded points for admission to exams.
- However – simply passing Grade 12 does not guarantee a place at a tertiary institution.

STAY POSITIVE.
WORK HARD.
MAKE IT HAPPEN.

SECTION B

SUBJECTS WITH A PRACTICAL COMPONENT

1. The following subjects have a **practical component**:

- Tourism
- Consumer Studies
- Hospitality Studies
- Sport and Exercise Sciences
- Computer Applications Technology (CAT)
- Information Technology (IT)
- Design
- Visual Arts
- Engineering Graphics and Design (EGD)



2. **All subjects with a practical component, except Tourism and Sport and Exercise Sciences, have *limited numbers* therefore admission to these subjects is on a first-come-first-served basis dependent on a once-off annual payment.**

3. **The payment for all practical subjects (except Design, Visual Arts and Hospitality Studies) is R 2200 per annum.**

4. **The payment for practical subjects Design and Visual Arts is R 2500 per annum.**

5. **The payment for Hospitality Studies is R5500.00.**

THE PRACTICAL FEE MUST BE PAID BY END OCTOBER 2024, AND PROOF OF PAYMENT MUST BE E-MAILED TO msmith@roosevelthighschool.co.za



SECTION C

MORE THAN SEVEN (7) SUBJECTS

1. **It is possible to take more than 7 subjects.**

2. The additional subject is an **independent study subject**

- Learners must follow up with the subject teacher
- Learners must **self-study**
- Learners must complete **ALL SBA tasks and write ALL exams.**
- Any additional subjects must be taken from **Grade 10.** (Additional subjects may NOT be picked up after Grade 10).

3. **NO subject with a practical component may be selected as an additional subject.**

- Subjects that may not be chosen are: Hospitality Studies, Consumer Studies, Tourism, CAT/IT, EGD, Sport Sciences, Visual Art or Design.

4. **An extra subject may only be taken if the Grade 9 final mark for the subject is 70% or higher, and the learner's overall average is 65% or higher.**

“Believe you can and you’re halfway there.”

SECTION D



LIST OF POSSIBLE
ELECTIVE SUBJECTS.

**WE BOAST WITH A TOTAL OF
16 ELECTIVE SUBJECTS!
LEARNERS CHOOSE 3.**

1. Accounting
2. Business Studies
3. Computer Applications Technology
4. Information Technology
5. Consumer Studies
6. Design
7. Engineering Graphics and Design
8. Geography
9. History
10. Hospitality Studies
11. Life Sciences
12. Physical Sciences (taken with Mathematics)
13. Religion Studies
14. Sport and Exercise Sciences (taken with Physical Science or Life Science)
15. Tourism
16. Visual Art

SECTION D



LIST OF POSSIBLE
ELECTIVE SUBJECTS
CONTINUES...

1. Please note that the elective subjects are **organized in three strands.**
2. Each strand has a range of subjects but only **one subject per strand may be chosen.**
3. To establish the strands, we need an idea of your subject choices, this will include Mathematics or Mathematical Literacy.

It does not matter
how slowly you go
as long as
you do not stop.

Confucius

SECTION E

BACKGROUND ON
ELECTIVE SUBJECTS

Accounting: Commerce Department

1. **Accounting focuses on measuring performance, and processing and communicating financial information about economic sectors.**
2. This discipline ensures that principles such as ethical behaviour, transparency and accountability are adhered to.
3. It deals with the logical, systematic and accurate selection and recording of financial information and transactions, as well as the compilation, analysis, interpretation and communication of financial statements and managerial reports for use by interested parties.
4. **The subject encompasses accounting knowledge, skills and values that focus on the financial accounting, managerial accounting and auditing fields.**
5. These fields cover a broad spectrum of accounting concepts and skills to prepare learners for a variety of career opportunities.
6. Accounting at school is a step towards any career that in the **Bachelor of Commerce field.**



SECTION E

BACKGROUND ON
ELECTIVE SUBJECTS

Business Studies Commerce Department

1. The subject Business Studies deals with the **knowledge, skills, attitudes and values critical for informed, productive, ethical and responsible participation in the formal and informal economic sectors.**
2. The subject encompasses business principles, theory and practice that underpin the development of entrepreneurial initiatives, sustainable enterprises and economic growth.
3. It is a broad subject but has in-depth study of, for example: **finance; business organization; human resource management; forms of business ownership; marketing and business strategies.**



SECTION E

BACKGROUND ON ELECTIVE SUBJECTS



Computer Applications Technology ICT Department

1. CAT is the study of the computer system (hardware and software) and the practical application of skills.
2. It is vital for the professional environment.
3. Learners will be skilled in Microsoft Office Suite and HTML coding.
4. The main topics are: **Solution Development; System Technologies; Internet Technologies; Network Technologies; Information Management; Social Implications.**
5. There is a **theory and a practical component.**
6. The practical component is broken into phases requiring many hours and may need Saturdays for assessment and practical completion.
7. **There is limited space for this subject.**
8. **There is an annual fee of R 2200 which must be paid before entry into the subject.**
9. Any practical work that is not submitted on time will mean that the learner cannot be promoted to the next grade.

SECTION E

BACKGROUND ON ELECTIVE SUBJECTS



Information Technology ICT Department

1. IT is the study of the computer system (hardware and software) and the practical application of skills specifically with regard to software development, programming, and design. This includes an in-depth study of DELPHI.
2. It is vital for people who are interested in becoming software engineers or IT specialists.
3. **Learners will be skilled in DELPHI coding.**
4. The main topics are: **Solution Development; System Technologies; Internet Technologies; Network Technologies; Information Management; Social Implications and DELPHI.**
5. **There is a theory and a practical component.**
6. The practical component is broken into phases requiring many hours and may need Saturdays for assessment and practical completion.
7. **There is limited space for this subject.**
8. **Learners must be adept in Math and Science.**
9. **There is an annual fee of R 2200 which must be paid before entry into the subject.**
10. Any practical work that is not submitted on time will mean that the learner cannot be promoted to the next grade.

SECTION E

BACKGROUND ON ELECTIVE SUBJECTS

Hospitality Studies, Consumers studies, Tourism



HOSPITALITY STUDIES

1. This is the study of a variety of interrelated themes in the hospitality industry.
2. Hospitality studies covers the accommodation sector and the food and beverage sector.
3. Some of the sub-topics are: **menu planning; safety and security; hygiene; client services.**
4. **There is a practical component.**
5. Some are class practicals and others involve full meals served in the restaurant.
6. **There is an annual fee (R 5500) which must be paid before entry into the subject.**
7. **Practicals may be held in the afternoon or on Saturday mornings.**
8. *Hospitality Studies and Consumer Studies may not both be chosen.*

SECTION E

BACKGROUND ON ELECTIVE SUBJECTS

Hospitality Studies, Consumers studies, Tourism



CONSUMER STUDIES

1. Consumer Studies teaches learners about responsible and informed consumer behaviour in respect of food, clothing, housing, furnishings and household equipment.
2. It aims to teach learners to make informed decisions and to make optimal use of resources to improve human well-being.
3. The theory topics are: the consumer; food and nutrition; design elements and principles; fibres and fabrics; clothing; housing and entrepreneurship.
4. **There is an annual fee of R 2200 which must be paid before entry into the subject.**
5. **There is also a practical component that might involve Saturday mornings or Friday afternoons depending on the time available.**
6. *Hospitality Studies and Consumer Studies may not both be chosen.*



Food commodities



Food and Beverage service



Sectors and Careers



Hygiene and Safety



Kitchen and Restaurant operations



Nutrition and Menu Planning



SECTION E

BACKGROUND ON
ELECTIVE SUBJECTS

*Hospitality Studies,
Consumers studies, Tourism*



TOURISM

1. This is the study of the **activities, services and industries related to the tourism industry.**

2. The main topics are:

- tourism sectors;
- map work and tour planning;
- tourism attractions;
- sustainable and responsible tourism;
- domestic, regional and international tourism;
- culture and heritage tourism;
- foreign exchange;
- communication and customer care a marketing.



SECTION E

BACKGROUND ON
ELECTIVE SUBJECTS

Religion Studies



- Religion Studies is the **study of religion as a universal human phenomenon and of religions found in variety of cultures.**
- There is no favouring of any religion or discrimination against any religion.
- The subject encourages an understanding and appreciation of different religions within humanity and the similarities and differences between different religions.
- The main topics are: **the variety of religions; common features of religion; topical issues in society and, research into and across religions.**
- The religions primarily studied are: Islam, Christianity, Hinduism, Buddhism and Judaism.



SECTION E

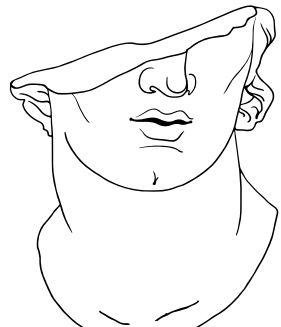
BACKGROUND ON ELECTIVE SUBJECTS

Design & Visual Arts



DESIGN

1. Learners must have **basic drawing skills**.
2. Design is a creative problem-solving process and includes theory and practice.
3. The design process involves: identification of a problem; planning; research; innovation; conceptualization; experimentation and critical reflection.
4. From this process comes new systems, services and products.
5. Design adds value to life by creating products that have a purpose, are functional and attractive.
6. **Design encourages: visual literacy; critical and creative thinking; self-discipline and leadership; team work and resourcefulness.**
7. **There are many hours of practical work involved which may include Saturday mornings.**
8. *Design and Visual Art may not both be chosen.*
9. *The subject has an annual fee of R 2500.*



SECTION E

BACKGROUND ON ELECTIVE SUBJECTS

Design & Visual Arts



VISUAL ARTS

1. **Visual Art involves creative practice that involves the hand, the eye, the intellect and the imagination.**
2. Two and three-dimensional artworks are created using a variety of art disciplines such as drawing and painting.
3. The subject is about **self-expression and meaningful response to the world.**
4. It encourages the learners to develop individual visual language and literacy.
5. There is a theory component which covers large content.
6. Learners will undergo a practical art assessment in order to be accepted into the subject.
7. **There are many hours of practical work involved which may include Saturday mornings.**
8. *Design and Visual Art may not both be chosen.*
9. *The subject has an annual fee of R 2500.*



SECTION E

BACKGROUND ON ELECTIVE SUBJECTS

Geography & History



GEOGRAPHY

1. Geography formed part of the Social Sciences curriculum from Grades 8 and 9.
2. **Geography is the study of people, places, the earth's landscape and the environment.**
3. **The two main branches studied are: Physical Geography and Human Geography.**
4. **Physical Geography** comprises: natural processes and features such as the atmosphere, landforms and oceans.
5. **Human Geography** investigates the activities and impact of people on earth.
6. This is a living subject as the environment is continually changing.



SECTION E

BACKGROUND ON ELECTIVE SUBJECTS

Geography & History



HISTORY

1. History formed part of the Social Sciences curriculum from Grades 8 and 9.
2. **History is the study of change and development of societies over time.**
3. It allows us to understand how past human action affects the present and influences the future. It calls for evaluation of these events.
4. It is a *process of enquiry and encourages critical thinking.*
5. Learners learn to interpret information from a number of sources.
6. Learners learn to differentiate between different perspectives of the same event.
7. Learners learn to organize evidence into a cohesive argument.
8. ***It covers national and international history and the inter-connectedness of local and global events.***
9. It covers ancient and modern history.



SECTION E

BACKGROUND ON
ELECTIVE SUBJECTS

Engineering Graphics and Design (EGD)

1. **EGD provides the fundamental knowledge and drawing skills required for a variety of careers and further studying options.**
2. The learners create technical drawings that are required to clearly communicate a message to, for example, a builder.
3. Some of the career/further studying opportunities are: most **engineering fields; architecture; surveyor; various design fields; draughts person; most manufacturers; most artisans and graphic illustrators.**
4. The subject includes freehand drawing, drawing with instruments and CAD drawing.
5. **The practical component may include Saturday mornings.**
6. **Any practical work that is not submitted on time will mean that the learner cannot be promoted to the next grade.**



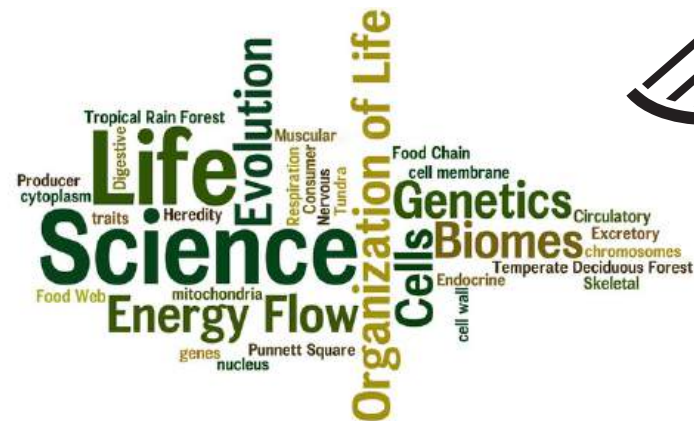
SECTION E

BACKGROUND ON
ELECTIVE SUBJECTS

Life Science, Physical Science, Sports Science

LIFE SCIENCE

1. This is part of the Natural Sciences studied in Grades 8 and 9.
2. **Life Sciences is the scientific study of living things from molecular level to their interactions with one another and their environments.**
3. Life Sciences consists of: Biochemistry, Plant Physiology and the Human Body
4. Life Sciences will provide you with a foundation of scientific knowledge and ways of exploring the world.
5. The subject lends itself to further studies in the Bachelor of Science field.



SECTION E

BACKGROUND ON ELECTIVE SUBJECTS

Life Science, Physical Science, Sports Science



SECTION E

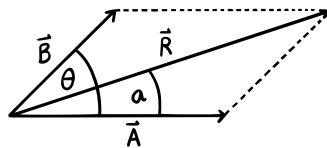
BACKGROUND ON ELECTIVE SUBJECTS

Life Science, Physical Science, Sports Science



PHYSICAL SCIENCE

1. This is part of the Natural Sciences studied in Grades 8 and 9.
2. **Mathematics must be taken with Physical Science.**
3. Logic and reasoning skills are needed.
4. Learners investigate physical and chemical phenomena through:
 - a. **Scientific enquiry**
 - b. **Application of scientific models**
 - c. **Laws and theories**
5. The purpose is to explain and predict events in the physical environment such as lightning and chemical changes.
6. The subject is required for careers needing a Bachelor of Science qualification such as Engineering, Mathematics and Computer Science, Physical Sciences and other Interdisciplinary Fields.



$$R = \sqrt{A^2 + B^2 + 2AB \cos \theta}$$

$$\tan \alpha = \frac{B \sin \theta}{A + B \cos \theta}$$

SPORTS AND EXERCISE SCIENCE

1. **For Sport and Exercise Science, learners have to be involved in at least 2 school team /individual sports.**
2. **Either Physical Sciences or Life Sciences must be taken with Sport and Exercise Science.**
3. There are a number of topics covered such as:
 - a. Anatomy and Physiology;
 - b. Sports Psychology and ethics
 - c. Nutrition;
 - d. Injuries and rehabilitation;
 - e. Training and biomechanics
4. The subject lends itself to further studies in the Bachelor of Science field, as well as careers such as sports coaching, fitness trainer, Exercise Scientist, Sports Therapist, Physiotherapist, Chiropractor, or roles in sports management and research.

