GLOBAL LEADERSHIP ACADEMY
Jeffreys Bay

VAKKEUSE BROSJURE

SUBJECT CHOICES BROCHURE

2025

ACADEMICS

TECHNICAL

GLOBAL LEADERSHIP ACADEMY
Jeffreys Bay

INDEX

NEEM ASSEBLIEF KENNIS

- Wiskunde is 'n vereiste vir die neem van Fisiese Wetenskappe en Inligtingstegnologie.
- Om Wiskunde in Graad 10 te neem, moet `n minumum van 60% behaal word in Graad 9 Wiskunde.
- Meriete keuring sal gedoen word indien die aantal leerders wat die vak kies, die beskikbare plek oorskry.
- Waar daar nie genoeg leerders is wat 'n vak kies nie, behou die skool die reg voor om die vak nie aan te bied nie.
- Sommige vakke, vanweë hul aard, word slegs in Engels aangebied, onder andere Drama, Visuele Kunste, IT en CAT.
- Vir Visuele Kunste, Siviele Tegnologie en Elektriese Tegnologie word 'n eenmalige praktiese fooi van R1200 gehef.

PLEASE TAKE NOTE

- Mathematics is a requirement for taking Physical Science and Information Technology.
- Students intending to select Mathematics as a subject in Grade 10 must achieve at least 60% in Mathematics in Grade 9.
- Selection based on merit will be made if the number of learners choosing the subject exceeds the available space.
- If there are not enough learners choosing a subject, the school reserves the right not to offer the subject.
- Some subjects, due to their nature, are offered only in English, such as Dramatic Arts, Visual Arts, IT, and CAT.
- For Visual Arts, Civil Technology, and Electrical Technology, a once off practical fee of R1200.00 is charged.

ACADEMICS
TECHNICAL

1. Afrikaans Huistaal

Afrikaans Huistaal, of moedertaal, is vir leerders wat in Afrikaans grootgemaak is en dit as die primêre taal beskou. Die medium van onderrig is Afrikaans, en leerders moet teks verstaan, analiseer, en in Afrikaans kommunikeer.

Doel: Die vak is daarop gemik om leerders se taalvaardigheid te verdiep en uit te brei. Dit fokus op die lees en skryf van estetiese literêre werke, die uitruil van idees, onvoorbereide reaksies, en die bemeester van die gesproke woord. Kreatiewe skryfkuns en die begrip van taalstrukture en subtiele betekenisverskille word aangemoedig.

Kerninhoud:

- **Teksbegrip:** Leerders moet teks met begrip kan deurlees en analiseer.
- **Kreatiewe Skryf:** Beplanning en spesifieke doelwit van teks, met selektiewe skryf van idees.
- **Literêre Analise:** Meer fokus op analise en intellektuele waardering van voorgeskrewe boeke as in Afrikaans Eerste Addisionele Taal.

Eksamen en Assessering: Die eksamens vir Afrikaans Huistaal is langer en die vrae is meer insiggewend. Leerders moet voortgaan met die gebruik van hul graad 8-11 boeke tot in matriek. Jaarliks word meer en verskillende voorgeskrewe boeke bestudeer, met groter diepte en insig.

Vereistes: Leerders wat Afrikaans Huistaal kies, moet gereeld Afrikaanse boeke lees, die werk geniet, en ’n liefde vir die taal hê. ’n Goeie Afrikaanse woordeboek is aan te beveel. Leerders wat met Afrikaans Eerste Addisionele Taal begin het, moet konsistent 75% of hoër behaal om oor te gaan na Huistaal.

Afrikaans Huistaal is intensief en uitdagend, maar vir diegene wat daarvan hou, is dit beslis die moeite werd.

ACADEMICS
TECHNICAL

2. English Home Language

English Home Language is designed for learners who use English as their primary language of communication and instruction. This subject aims to develop advanced proficiency in English, focusing on both theoretical and practical aspects of the language.

Purpose: The subject is intended to deepen learners' understanding of English through the study of literature, language use, and creative expression. It emphasizes the ability to read critically, write creatively, and engage effectively in both oral and written communication.

Core Components:

- **Literature:** Learners explore a variety of literary genres, including poetry, drama, and prose. They analyze themes, characters, and literary techniques to appreciate and critique literary works.
- **Language Skills:** The study of grammar, syntax, and vocabulary enhances learners' ability to use English accurately and effectively. This includes the development of writing skills for different purposes, such as essays, narratives, and reports.
- **Communication:** Focuses on both written and spoken English. Learners practice public speaking, debate, and discussion to improve their verbal communication skills.

Assessment: Assessment is continuous and includes class tests, assignments, and projects. The final mark is based on:

- **Continuous Assessment:** 25% of the final mark, including regular classwork and tasks.
- **Examination:** 75% of the final mark, assessed through formal exams in June and November.

Requirements: Learners should engage actively with a range of texts, demonstrate critical thinking, and articulate their ideas clearly. A love for reading and writing, coupled with consistent effort, is essential for success in this subject.

English Home Language equips learners with advanced language skills, preparing them for higher education and diverse career opportunities where strong communication skills are essential.

3. LIFE ORIENTATION

ACADEMICS
TECHNICAL

Life Orientation is a vital subject in the South African Grade 10-12 curriculum, designed to equip learners with the knowledge, skills, and values necessary for personal development, social integration, and responsible citizenship. This subject plays a crucial role in helping learners navigate the complexities of life by addressing issues related to health, relationships, career planning, and civic responsibility.

Key Areas of Focus: Life Orientation covers a range of topics essential for the holistic development of learners. These include:

- **Personal Well-being:** Promoting physical, emotional, and mental health, with an emphasis on making informed decisions regarding personal health and well-being.
- **Social Development:** Fostering positive relationships and social skills, including communication, teamwork, and conflict resolution, while also addressing issues such as peer pressure, diversity, and human rights.
- **Citizenship Education:** Encouraging active and responsible participation in civic life by teaching learners about democracy, governance, environmental sustainability, and global citizenship.
- **Career Guidance:** Preparing learners for the world of work by providing guidance on career choices, job-seeking skills, and entrepreneurship, as well as understanding the changing nature of the workplace.
- **Physical Education:** Promoting physical activity and a healthy lifestyle through regular participation in sports and physical education.

Importance of Life Orientation: Life Orientation is integral to shaping well-rounded, resilient individuals who can contribute meaningfully to society. By focusing on personal and social development, the subject prepares learners for the challenges of adulthood, fostering a sense of responsibility, ethical behavior, and a commitment to lifelong learning.

4. MATHEMATICS

Mathematics is a fundamental component of the South African Grade 10-12 curriculum, essential for learners aiming to pursue careers in the physical, computer, and life sciences, as well as technology-related fields. This subject lays the groundwork for advanced mathematical study and is crucial for success in Higher Education institutions.

Objectives of Mathematics: Mathematics equips learners with the skills and knowledge necessary to:

- Critically analyze situations, make informed decisions, and perform accurate calculations.
- Identify, understand, and apply patterns and transformations in various contexts.
- Explore and master the principles of analytical geometry.
- Collect, organize, and interpret data effectively.
- Comprehend and apply the concepts of differentiation.
- Solve complex real-life problems by employing mathematical reasoning and methods.

Assessment Structure: Learners are required to complete two compulsory examination papers. For those intending to study Mathematics at the university level, a third optional paper is highly recommended, as it provides deeper insights and preparation for advanced studies.

Expectations and Commitment: Mathematics is a rigorous subject that requires dedication, perseverance, and a strong work ethic. Learners should be prepared to engage with challenging material at a fast pace, and they will be expected to meet high academic standards. Success in Mathematics will not only open doors to a wide range of career opportunities but also foster critical thinking and problem-solving skills that are valuable in all areas of life.

Students intending to select Mathematics as a subject in Grade 10 must achieve at least 60% in Mathematics in Grade 9.

5. MATHEMATICAL LITERACY

ACADEMICS
TECHNICAL

Mathematical Literacy is a key subject within the academic stream, tailored for learners who find traditional Mathematics challenging. This subject is designed to develop an understanding of the role that mathematics plays in the modern world by focusing on the practical application of mathematical concepts in everyday life. Through Mathematical Literacy, learners gain the ability and confidence to think numerically and spatially, allowing them to interpret, analyze, and solve real-world problems.

Objectives of Mathematical Literacy: Mathematical Literacy prepares learners to navigate and manage everyday mathematical situations, such as:

- Managing hire purchase agreements, house bonds, and investments with accuracy.
- Reading and interpreting maps, timetables, and other forms of practical information.
- Calculating areas and volumes, and understanding house plans and designs.
- Applying the principles of relationships and proportions, particularly in fields like Domestic Science.
- Utilizing formulas and interpreting sketches in various workplace settings.

Learning Outcomes: Learners who complete Mathematical Literacy will be equipped to:

- Apply their understanding of figures and their relationships to explore various contexts, including personal, business, and national issues.
- Recognize, interpret, and describe functional relationships, enabling them to solve problems in both real-life and simulated situations.
- Use appropriate tools to measure, estimate, and calculate physical quantities, while also interpreting and describing the qualities and relationships between 2-dimensional and 3-dimensional objects in different orientations.
- Gather, summarize, present, and analyze data, using their knowledge of statistics and probability to make predictions, defend conclusions, and make informed decisions.

Importance and Relevance: Mathematical Literacy is crucial for learners who may not pursue traditional mathematical studies but still require strong numeracy skills for daily life and various careers. The subject emphasizes the practical application of mathematics, ensuring that learners are prepared to handle real-world challenges confidently. By developing these skills, learners become better equipped to contribute effectively in both personal and professional contexts.

6. TECHNICAL MATHEMATICS

ACADEMICS
TECHNICAL

Technical Mathematics is a specialized subject offered in South African technical schools, designed to equip learners with the mathematical knowledge and skills necessary for technical careers. It provides a solid foundation for careers in engineering, technology, and related fields, emphasizing the practical application of mathematics in technical contexts.

Purpose of Technical Mathematics: Technical Mathematics focuses on applying mathematical concepts to solve real-world technical problems. It equips learners with the analytical skills needed in engineering, construction, and manufacturing.

Learners will be equipped to:

- Apply mathematical principles in technical settings.
- Analyze and solve technical problems.
- Use geometry for technical drawings and design.
- Simplify and solve algebraic equations common in technical fields.
- Apply trigonometry to angles, forces, and motion.
- Interpret and analyze data for accurate decision-making.

Content Focus:

- **Algebra and Functions:** Practical applications in technical contexts.
- **Trigonometry:** Solving problems in engineering and construction.
- **Measurement and Geometry:** Focus on technical drawings and design.
- **Calculus:** Basic differentiation and integration for technical applications.
- **Statistics and Probability:** Data analysis for quality control and project management.

Assessment: Assessment includes written exams and practical tasks, emphasizing the application of mathematical concepts to real-world technical problems.

Importance of Technical Mathematics: Technical Mathematics is crucial for learners aspiring to technical and engineering careers, providing essential problem-solving skills. The subject bridges the gap between theoretical mathematics and practical technical challenges, preparing learners for further studies and careers in technical industries.

ACADEMICS
TECHNICAL

7. PHYSICAL SCIENCES

Physical Sciences is a pivotal subject in the South African Grade 10-12 curriculum, integral to understanding and contributing to scientific and technological advancements. The subject builds on foundational concepts from earlier grades, emphasizing continuous study; hence, learners must start Physical Sciences no later than Grade 10.

Key Areas of Focus: The curriculum is divided into six main learning areas, blending Physics and Chemistry:

- **Waves, Sound, and Light (12.5%):** Learners explore the nature and properties of waves, including sound and light, and their applications.
- **Electricity and Magnetism (12.5%):** This area covers electrical circuits, electromagnetic fields, and their practical uses.
- **Mechanics (12.5%):** Mechanics involves the study of motion, forces, and energy, providing a foundation for understanding physical systems.
- **Chemical Systems (18.75%):** Learners investigate chemical reactions and processes that govern the behavior of substances in various systems.
- **Chemical Changes (18.75%):** This area focuses on the principles of chemical reactions, including rates and equilibrium.
- **Matter and Materials (25%):** A combined Physics and Chemistry focus, this section examines the properties, structure, and behavior of matter.

Practical Component: Practical work is essential in Physical Sciences, where learners plan, conduct, and interpret experiments. This hands-on approach develops critical thinking, data analysis, and problem-solving skills.

Importance of Physical Sciences: Physical Sciences is crucial for learners aspiring to careers in science, engineering, medicine, and technology. It fosters analytical skills, creativity, and a deep understanding of the physical world, opening doors to various academic and professional opportunities. Mathematics is a compulsory co-requisite for this subject, ensuring that learners are well-prepared for the quantitative aspects of scientific study.

Students who plan to select Physical Science as a subject in Grade 10 are required to attain at least an average year-end score of 60% in Grade 9.

ACADEMICS
TECHNICAL

8. LIFE SCIENCES

Life Sciences is a subject within the South African curriculum that explores the study of living organisms and their interactions with the environment. It focuses on understanding biological processes, ecological relationships, and the impact of human activities on the biosphere.

Purpose: The subject aims to develop learners' knowledge of biological concepts and their ability to apply this knowledge to real-world issues. It fosters an appreciation of the complexity and diversity of life, as well as the skills needed for scientific inquiry and research.

Core Components:

1. **Cell Biology:** Study of cell structure and function, including cellular processes such as metabolism, growth, and reproduction.
2. **Genetics:** Examination of heredity, genetic variation, and the principles of inheritance. Learners explore how genetic information is passed from one generation to the next.
3. **Human Biology:** Focuses on the structure and function of human body systems, including the circulatory, respiratory, and digestive systems.
4. **Ecology:** Study of ecosystems, biomes, and the interactions between organisms and their environments. Includes topics such as energy flow, nutrient cycles, and conservation.
5. **Evolution and Diversity:** Exploration of the principles of evolution, the diversity of life forms, and the classification of organisms.

Content Focus:

- **Molecular Biology:** Understanding DNA, RNA, and protein synthesis.
- **Physiology:** Functions of body systems and their interdependencies.
- **Ecological Principles:** Relationships within ecosystems, including energy transfer and population dynamics.
- **Human Impact:** Examination of how human activities affect ecosystems and biodiversity.

Assessment:

- **Continuous Assessment:** 25% of the final mark, including practical work, assignments, and tests.
- **Examinations:** 75% of the final mark, assessed through written exams that test understanding and application of biological concepts.

Requirements: Learners must have a strong foundation in scientific reasoning and analytical skills. Life Sciences prepares learners for careers in health, environmental science, and research, equipping them with a comprehensive understanding of living systems and their complexities.

9. TECHNICAL SCIENCES

ACADEMICS ○
TECHNICAL ●

Technical Sciences is a subject within the South African curriculum that provides learners with a solid foundation in the principles of science and technology, focusing on the practical application of scientific knowledge to technical problems.

Purpose: The subject aims to develop learners' understanding of scientific concepts and their ability to apply these concepts to solve real-world technical issues. It combines theoretical knowledge with practical skills in areas such as engineering, mechanics, and electronics.

Core Components:

1. **Physics Principles:** This includes the study of mechanics, waves, electricity, and magnetism. Learners explore the fundamental laws of physics and their applications in various technical contexts.
2. **Chemistry Concepts:** Focuses on chemical systems, reactions, and materials science. Learners study the properties and behavior of substances, including their use in industrial processes.
3. **Technical Applications:** Learners apply scientific principles to technical problems, such as designing and evaluating mechanical systems, electrical circuits, and chemical processes.

Content Focus:

- **Mechanics:** Study of forces, motion, and energy, and their applications in engineering and technology.
- **Electricity and Magnetism:** Understanding electrical circuits, electromagnetic fields, and their practical uses.
- **Chemistry in Technology:** Chemical reactions, materials properties, and their applications in technology.
- **Practical Work:** Emphasis on hands-on experiments and projects to apply theoretical knowledge to practical situations.

Assessment:

- **Continuous Assessment:** 25% of the final mark, including assignments, practical work, and tests.
- **Examinations:** 75% of the final mark, assessed through written exams that test theoretical understanding and problem-solving skills.

Requirements: Learners must also take Mathematics or Technical Mathematics, as it is integral to understanding and applying technical science concepts. Technical Sciences prepares learners for careers in engineering, technology, and related fields, equipping them with problem-solving skills and technical knowledge essential for the modern workforce.

10. HISTORY

ACADEMICS
TECHNICAL

History is a vital subject in the South African Grade 10-12 curriculum, offering learners a deep understanding of how the past shapes the present and influences the future. The subject has evolved from a chronological approach to a thematic focus, encouraging learners to explore key questions such as, "How do we understand the world today?" and "How has the legacy of the past influenced the current world setup?" This approach allows learners to critically engage with historical events and their ongoing impact.

Key Areas of Focus: History in Grades 10-12 emphasizes thematic teaching over simple chronology. The curriculum is designed to help learners:

- **Develop Analytical Skills:** Learners investigate historical events and themes, mastering the skills needed to analyze and interpret various sources and apply historical knowledge critically.
- **Understand Historical Concepts:** Learners use historical concepts to explore and analyze the past, enabling them to draw connections between different periods and events.
- **Communicate Knowledge:** The subject enhances learners' ability to construct and communicate their understanding of historical events and narratives effectively.
- **Engage with Heritage:** Learners critically examine issues related to heritage, understanding how historical events and legacies continue to influence contemporary society.

Methods of Assessment: Assessment in History includes self-assessment, group work, observation, tasks, and formal examinations. Emphasis is placed on source-based questions rather than long essays, aligning with the National Curriculum Statement and Assessment Guidelines.

Importance of History: History equips learners with critical thinking and analytical skills, fostering a deeper understanding of societal changes and the complexities of heritage. It prepares learners to engage thoughtfully with the world, making informed decisions as active citizens.

11. COMPUTER APPLICATIONS TECHNOLOGY

ACADEMICS ●
TECHNICAL ○

Computer Applications Technology (CAT) is a choice subject, focusing on the effective use of information and communication technology (ICT) in various sectors. The subject equips learners with the skills and knowledge needed to manage, manipulate, and present digital information efficiently.

Aim: CAT aims to provide learners with the necessary skills, attitudes, and values to:

- Create, design, and present information in various formats.
- Gather, analyze, and sort data effectively.
- Manipulate, process, and present data to meet community needs.

Scope: The subject is designed to develop marketable ICT skills relevant to the information society and to enhance learners' ability to apply these skills across different subjects.

Content: Outcome 1 - Functional Knowledge of ICT:

- Understanding the role of computers in daily life, including hardware, software, and networks.
- Familiarity with different types of computer systems and components.
- Knowledge of software systems, applications software, and computer ethics.
- Awareness of technology's impact on the environment and community, including health and safety aspects, file management, and problem-solving related to hardware and software issues.

Outcome 2 - Integrated End-User Computer Skills:

- Proficiency in using word processors, spreadsheets, databases, and desktop publishing tools.
- Ability to utilize integrated software packages and create effective presentations.

Outcome 3 - Information Management:

- Defining tasks, identifying information requirements, and defining problems.
- Implementing information search strategies and accessing information through appropriate computer resources.
- Organizing and synthesizing information to deliver relevant results.
- Evaluating the effectiveness and accuracy of information management practices.

Importance of CAT: Computer Applications Technology is vital for preparing learners for a digitally-driven world, enhancing their ability to manage information effectively, and providing foundational skills for various academic and career paths in the ICT sector.

12. BUSINESS STUDIES

ACADEMICS
TECHNICAL

Business Studies is a key subject in the South African Grade 10-12 curriculum, designed to provide learners with a comprehensive understanding of the principles and practices of business. This subject equips learners with the knowledge, skills, and attitudes necessary to succeed in the dynamic world of business, whether as entrepreneurs, managers, or informed consumers.

Key Areas of Focus: Business Studies covers a wide range of topics that are essential for understanding the business environment:

- **Business Environment:** Learners explore the various factors that influence business operations, including economic, social, and technological factors, as well as the importance of ethical conduct and corporate social responsibility.
- **Business Ventures:** This area focuses on entrepreneurship, teaching learners how to identify business opportunities, develop business plans, and understand the processes involved in starting and managing a business.
- **Business Roles:** Learners examine the different roles within a business, including management, marketing, finance, and human resources. This helps them understand how these functions interrelate and contribute to business success.
- **Business Operations:** Learners gain insight into the day-to-day operations of a business, including production, quality control, and supply chain management, as well as the importance of efficient and effective operations.

Importance of Business Studies: Business Studies is crucial for preparing learners to participate in the economy, whether as employees, entrepreneurs, or informed citizens. The subject fosters critical thinking, problem-solving, and decision-making skills, providing learners with the tools needed to navigate the complexities of the business world and to contribute positively to economic growth and development.

13. DRAMATIC ARTS

ACADEMICS
TECHNICAL

Dramatic Arts is a vibrant and dynamic subject offered in the South African Grade 10-12 curriculum, focusing on the exploration and expression of human experiences through performance. This subject nurtures creativity, critical thinking, and cultural awareness, providing learners with a comprehensive understanding of drama as both an art form and a means of communication.

Key Areas of Focus: Dramatic Arts encompasses various elements that contribute to a well-rounded education in theatre and performance:

- **Performance Skills:** Learners develop acting techniques, voice projection, movement, and improvisation skills. They engage in individual and ensemble performances, honing their ability to convey emotions, tell stories, and connect with audiences.
- **Theoretical Knowledge:** The subject covers the history of theatre, exploring different genres, styles, and traditions from classical to contemporary theatre. Learners study significant playwrights, directors, and movements, gaining insight into the evolution of drama.
- **Creative Expression:** Learners are encouraged to write, direct, and produce their own work, fostering originality and innovation. This aspect of the subject develops their ability to think creatively and critically about societal issues and personal experiences.
- **Cultural Appreciation:** Dramatic Arts promotes an understanding of diverse cultures and perspectives, encouraging learners to explore and appreciate the richness of South African and global theatrical traditions.

Importance of Dramatic Arts: Dramatic Arts is essential for developing confident, expressive individuals who can think creatively and critically. The subject equips learners with communication, collaboration, and problem-solving skills, preparing them for careers in the arts, media, education, and beyond. It also fosters empathy and cultural awareness, contributing to a more inclusive and understanding society.

14. ENGINEERING GRAPHICS AND DESIGN

ACADEMICS
TECHNICAL

Engineering Graphics and Design (EGD) is a available to learners from the academic and technical streams. In South African the Grade 10-12 curriculum, focusses on the principles and practices of technical drawing and design. This subject equips learners with essential skills for careers in engineering, architecture, and industrial design by providing a comprehensive understanding of visualizing and communicating technical information.

Key Areas of Focus: EGD covers various aspects of technical drawing and design, including:

- **Drawing Techniques:** Learners are introduced to the fundamentals of technical drawing, including orthographic projections, isometric and perspective views. These techniques are essential for creating accurate and detailed representations of engineering concepts.
- **Design Principles:** The subject emphasizes design processes and principles, including problem-solving, creativity, and the application of design standards and conventions. Learners work on designing and developing solutions to engineering problems.
- **Geometric Construction:** Learners explore geometric principles and constructions that are foundational to technical drawings. This includes understanding shapes, angles, and dimensions and their application in real-world design contexts.
- **Engineering Concepts:** EGD integrates engineering concepts such as mechanics, materials, and manufacturing processes. Learners apply these concepts in their drawings and designs to ensure functionality and feasibility.

Practical Component: Practical work is a significant part of EGD. Learners are required to produce detailed drawings and design projects, demonstrating their ability to apply theoretical knowledge to practical scenarios. This hands-on experience helps in developing precision, attention to detail, and technical skills.

Importance of EGD: Engineering Graphics and Design is essential for learners pursuing careers in technical and engineering fields. It develops critical skills in visual communication, technical problem-solving, and design, providing a strong foundation for further study and professional practice in engineering, architecture, and related disciplines.

15. INFORMATION TECHNOLOGY

ACADEMICS ●
TECHNICAL ○

Information Technology (IT) is a dynamic subject in the South African Grade 10-12 curriculum, centered on problem-solving through logical thinking, information management, and communication. It develops an understanding of the social, economic, and ethical implications of computing.

Aim: The subject aims to provide learners with a solid grasp of computing principles using current technologies, including the Delphi programming language. It prepares them for careers, higher education, and lifelong learning by enabling them to:

- Analyze the impact of computers on ethical, social, economic, and political aspects.
- Design and program user-friendly solutions to meet specific needs.
- Equip themselves to thrive in a computer-centric society.

Scope: IT covers a range of knowledge and skills essential for using information and communication technology effectively. Key focus areas include:

- **Algorithm Design:** Understanding and creating efficient algorithms.
- **Career Paths:** Exploring various career opportunities in IT.
- **Hardware and Devices:** Learning about computer hardware, peripheral devices, and their interconnectivity.
- **Data Structures:** Understanding different data types and structures.
- **Database Development:** Designing and managing databases.
- **Electronic Communications:** Navigating legal, ethical, and social aspects of electronic communication.
- **Future Trends:** Keeping up with emerging IT trends and technologies.
- **Human-Computer Interaction:** Improving user interfaces and interaction.
- **Networking Principles:** Learning about computer networks and their management.
- **Open-Source Development:** Understanding and contributing to open-source software.
- **Problem Solving:** Applying programming and software development skills to real-world problems.

Outcomes:

1. **Hardware and System Software:** Knowledge of hardware components, peripheral devices, processors, and system software.
2. **e-Communication:** Understanding the implications of electronic communication, including legal and ethical considerations.
3. **Social and Ethical Issues:** Evaluating the broader impact of computing on society and the environment.
4. **Programming and Software Development:** Creating solutions using programming languages, databases, and other tools.

Information Technology equips learners with practical skills and critical thinking abilities, essential for navigating the modern digital landscape.

16. ACCOUNTING

ACADEMICS
TECHNICAL

Accounting is a critical subject in the South African Grade 10-12 curriculum, designed to provide learners with a comprehensive understanding of financial and management accounting. It equips them with the skills needed to manage and interpret financial information, make informed decisions, and stay abreast of changes in the economic, financial, and legal landscapes.

Key Focus Areas:

- **Financial Accounting:** Learners develop proficiency in bookkeeping, financial record-keeping, and the analysis and interpretation of financial data.
- **Management Accounting:** Skills are honed in cost calculation, budgeting, and making strategic accounting decisions to aid in effective management.
- **Lifelong Learning:** The subject emphasizes the importance of continuous learning to adapt to evolving financial and legal environments.
- **Decision-Making:** Learners are trained to make informed decisions in collaboration with various stakeholders, focusing on fairness and ethical behavior.
- **Practical Experience:** Activities simulate real-world scenarios, exposing learners to the challenges and dynamics faced by entrepreneurs.

Assessment:

- **Daily Assessment:** Regular evaluations help identify and address learners' weaknesses promptly, using self-assessments, short tests, tasks, and projects.
- **Formal Assessment:**
    - **Continuous Assessment:** Contributes 25% to the final mark.
    - **Examination:** Accounts for 75% of the final mark, comprising:
        - June Examination: 200 marks, 2 hours
        - November Examination: 300 marks, 3 hours

Accounting not only prepares learners for professional careers in finance but also cultivates critical thinking, decision-making, and ethical practices essential for personal and professional success.

17. TOURISM

ACADEMICS
TECHNICAL

Tourism is a key subject in the South African Grade 10-12 curriculum, focusing on understanding why people travel, how to meet their needs, and the role of tourism as an economic sector. It emphasizes the interconnectedness of tourism with other industries and highlights the importance of sustainable practices.

Key Focus Areas:

- **Travel Motivation and Needs:** Learners explore the reasons behind travel and how to address the needs and expectations of tourists.
- **Tourism Industry:** The subject examines the tourism sector's role in the economy, with a focus on South Africa's position in the international market.
- **Sustainable Tourism:** Emphasis is placed on the responsibility of all citizens to contribute to sustainable tourism and socio-economic growth. Respect for diversity, effective communication, and quality service are highlighted.
- **Entrepreneurship:** Encouraging entrepreneurial thinking within the tourism industry is a key component of the subject.

Learner Outcomes:

- **Effective Communication:** Develop skills to communicate effectively with clients.
- **Further Studies:** Prepare for further education in tourism and related fields.
- **Science and Technology:** Use technology effectively in tourism contexts.
- **Tourism Evaluation:** Assess and evaluate tourism development and its impact.
- **Information Management:** Gather, organize, and evaluate information related to tourism.

Core Principles:

- **Inter-dependence:** Understanding tourism as an interconnected system.
- **Sustainability:** Focusing on sustainable tourism practices.
- **Geographical Knowledge:** Studying geographical tourism, including sights and travel logistics.
- **Client Services:** Enhancing communication and client service skills.

Content Areas:

- **Resource Management:** Impact of resource management on sustainable and responsible tourism.
- **Global Knowledge:** Information about countries, regions, climates, cities, time zones, and foreign currencies. Skills include interpreting maps, distance tables, tour schedules, and understanding exchange rates and safety concerns.
- **Communication and Service:** The importance of effective communication, client service, and quality service delivery.

Tourism equips learners with essential skills and knowledge for careers in the industry, fostering an understanding of the economic, environmental, and social aspects of tourism.

18. VISUAL ARTS

ACADEMICS
TECHNICAL

Visual Arts is a comprehensive subject in the South African Grade 10-12 curriculum, combining both theoretical and practical components. The course is designed to develop learners' artistic skills and creative expression through a balanced approach.

Theoretical Component:

- **Art History:** Learners study significant art movements, periods, and influential artists to understand the evolution of art.
- **Art Elements and Principles:** Theoretical knowledge includes the elements of art (such as line, shape, and color) and principles of design (such as balance, contrast, and emphasis).

Practical Component:

- **Skill Development:** Focuses on enhancing drawing, painting, and sculpting abilities.
- **Creative Exploration:** Learners experiment with various materials, techniques, and processes to create imaginative and innovative artworks.
- **Visual Literacy:** The course aims to develop learners' ability to interpret and understand visual information.

Learner Outcomes:

- **Creative Expression:** Develop personal creative ideas and effectively communicate them through art.
- **Competencies:** Build problem-solving skills, manage time and resources, and improve communication skills.
- **Career Preparation:** Prepare for careers in Graphic Design, Visual Arts, Interior Decoration, Architecture, or any field that values creative thinking.

Materials:

- **Responsibility:** Learners are responsible for purchasing their own art materials.

Visual Arts nurtures essential creative skills and provides a foundation for lifelong learning and various career paths in the arts and design industries.

19. CIVIL TECHNOLOGY

ACADEMICS ○
TECHNICAL ●

Civil Technology focuses on the principles of designing, constructing, and maintaining infrastructure and buildings. It prepares learners for careers in civil engineering and related fields by combining theoretical knowledge with practical skills.

Aim: The subject aims to provide learners with a comprehensive understanding of civil engineering principles, construction methods, and project management.

Key Focus Areas:

- **Construction Technology:** Study of materials and techniques for building structures, including foundations, walls, roofs, and finishing work.
- **Structural Design:** Principles of designing load-bearing structures and understanding forces that affect them.
- **Surveying and Site Planning:** Skills in measuring land, planning sites, and considering geographic and environmental factors.
- **Building Services:** Knowledge of water supply, sanitation, and electrical systems within buildings.

Learner Outcomes:

- **Technical Skills:** Practical abilities in using tools, machinery, and technology relevant to civil construction.
- **Problem-Solving:** Application of engineering principles to address construction and infrastructure challenges.
- **Project Management:** Skills in planning, managing, and executing construction projects efficiently.
- **Sustainability:** Understanding and applying sustainable practices to minimize environmental impact.

Content Areas:

- **Materials Science:** Study of construction materials and their properties.
- **Construction Techniques:** Modern building practices and project management techniques.
- **Structural Analysis:** Ensuring stability and safety of structural components.
- **Environmental Considerations:** Assessing and mitigating the environmental impact of construction.

Assessment:

- **Practical Work:** Hands-on projects, site visits, and construction tasks.
- **Theoretical Examinations:** Tests on theoretical knowledge and problem-solving in civil engineering contexts.

Civil Technology equips learners with a solid foundation in both theory and practice for careers in civil engineering, construction management, and related fields.

20. ELECTRICAL TECHNOLOGY

ACADEMICS ○
TECHNICAL ●

Electrical Technology is a key subject in the South African Grade 10-12 curriculum, designed to give learners a comprehensive understanding of electrical systems and their applications. It prepares students for careers in electrical engineering, installation, maintenance, and related fields through both theoretical and practical training.

Aim: The subject aims to equip learners with the skills needed to design, install, maintain, and repair electrical systems. It focuses on electrical principles, safety standards, and practical applications.

Key Focus Areas:

- **Electrical Principles:** Understanding voltage, current, resistance, and power, including Ohm's Law and circuit theory.
- **Circuit Design and Analysis:** Designing, analyzing, and troubleshooting AC and DC circuits.
- **Installation and Maintenance:** Practical techniques for installing and maintaining electrical systems in various settings.
- **Electronics:** Basic knowledge of electronic components such as semiconductors, transistors, and integrated circuits.
- **Safety and Regulations:** Adherence to safety standards and industry codes.

Learner Outcomes:

- **Technical Skills:** Practical abilities in wiring, circuit assembly, and using electrical tools.
- **Problem-Solving:** Applying electrical principles to diagnose and resolve system issues.
- **Project Management:** Experience in planning and managing electrical projects.
- **Safety Awareness:** Implementing safety procedures and complying with electrical codes.

Content Areas:

- **Electrical Theory:** Study of circuits, power calculations, and related concepts.
- **Installation Techniques:** Hands-on experience with wiring systems and electrical panels.
- **Control Systems:** Understanding relays, timers, and programmable logic controllers (PLCs).
- **Renewable Energy:** Introduction to integrating renewable energy sources into electrical systems.

Assessment:

- **Practical Work:** Includes lab exercises, installation projects, and maintenance tasks.
- **Theoretical Examinations:** Tests on theory, circuit analysis, and safety procedures.

Electrical Technology provides learners with essential skills for various careers in the electrical field, focusing on both technical expertise and safety standards.

GLOBAL LEADERSHIP ACADEMY
Jeffreys Bay

Graad 10 Vakkeuse OPSOMMING | *Grade 10 Subject Choice OVERVIEW*

NB: Wiskunde is 'n vereiste vir die neem van Fisiese Wetenskappe en Inligtingstegnologie.
Vir Visuele Kunste, Siviele Tegnologie en Elektriese Tegnologie word 'n eenmalige praktiese fooi van R1200 gehef.
Meriete keuring sal gedoen word indien die aantal leerders wat die vak kies, die beskikbare plek oorskry.
Waar daar nie genoeg leerders is wat 'n vak kies nie, behou die skool die reg voor om die vak nie aan te bied nie.
Sommige vakke, vanweë hul aard, word slegs in Engels aangebied, onder andere Drama, Visuele Kunste, IT en CAT.

NB: Mathematics is a requirement for taking Physical Sciences and Information Technology.
For Visual Arts, Civil Technology, and Electrical Technology, a once off practical fee of R1200.00 is charged.
Selection based on merit will be made if the number of learners choosing the subject exceeds the available space.
If there are not enough learners choosing a subject, the school reserves the right not to offer the subject.
Some subjects, due to their nature, are offered only in English, such as Dramatic Arts, Visual Arts, IT, and CAT.

KIES JOU BAAN, KIES DAN JOU VAKKE – <u>ONDERSTREEP SLEGS EEN UIT ELKE GROEP</u>
CHOOSE YOUR STREAM, THEN YOUR SUBJECTS – <u>UNDERLINE ONLY ONE FROM EACH GROUP</u>

GROEP GROUP	VAKKE SUBJECTS	
1	▫ Afrikaans Huistaal ▫ Afrikaans Eerste Addisionele Taal	
2	▫ English Home Language ▫ English First Additional Language	
3	▫ <u>Lewensoriëntering / Life Orientation</u>	
	AKADEMIESE BAAN ACADEMIC STREAM	**TEGNIESE BAAN TECHNICAL STREAM**
4	▫ Wiskunde / Mathematics ▫ Wiskundige Geletterdheid / Mathematical Literacy	▫ Wiskunde / Mathematics ▫ Tegniese Wiskunde/ Technical Mathematics
5	▫ Fisiese Wetenskappe / Physical Sciences ▫ Geskiedenis / History ▫ Computer Applications Technology ▫ Visual Arts	▫ Fisiese Wetenskappe / Physical Sciences ▫ Tegniese Wetenskappe / Technical Sciences
6	▫ Lewenswetenskappe / Life Sciences ▫ Besigheidstudies / Business Studies ▫ Information Technology	▫ Siviele Tegnologie / Civil Technology ▫ Elektriese Tegnologie / Electrical Technology
7	▫ Ingenieursgrafika en Ontwerp / Engineering Graphics and Design ▫ Rekeningkunde / Accounting ▫ Toerisme / Tourism ▫ Computer Applications Technology ▫ Dramatic Arts	▫ Ingenieursgrafika en Ontwerp / Engineering Graphics and Design

MAAK JOU VAKKEUSE VOOR VRYDAG, 30 AUGUSTUS

https://forms.gle/aiLtfEqY6JJFTzN77

SUBMIT YOUR SUBJECT CHOICE BY FRIDAY, 30 AUGUSTUS

Vir meer ondersteuning, maak gerus `n afspraak met die vakadviseur

For further assistance, please make an appointment with the subject advisor

042 293 3053 | admin@gla-jbay.org