



Hyde Park High School



Grade 9
Subject Choice Information
2020

Grade 9 – Pass/Fail Criteria:

- Min. of 50% in English
- Min. of 40% in Afrikaans / Zulu
- Min. of 40% in MATHS
- Min. of 40% in THREE other subjects
- Min. of 30% in TWO further subjects

In order to select a subject, it must have been passed at Grade 9 level

Grade 10 – 12 National Senior Certificate Minimum Requirements			
	ENGLISH	OTHER SUBJECTS	
Basic Pass / Higher Certificate Pass:	40%	2 x 40%	3 x 30%
Diploma Pass:	40%	3 x 40% (excl. LO)	2 x 30%
University Pass:	40%	4 x 50% (excl. LO)	2 x 30%

Subject Choice Forms:

The form on the last page is to be completed and handed back to the registration teacher by **Monday, 12 October 2020**.

Please note:

All electives have a limit on the number of pupils they can accommodate. In the event that the limit is reached, selection is based on a rank order.

Failure to hand this form in will result in your child being allocated to subjects based on the space available in the elective subjects.

"Life is not the way it's supposed to be.. It's the way it is.. The way we cope with it, is what makes the difference."

Electives Offered:

ACCOUNTING [Mrs A Solanki]			
Content	Skills	Benefits / Uses	Other
<p>Throughout life you will be faced with situations that will force you to make financial decisions. Some of these decisions will be more important than others and some will involve more money than others. No matter what the decision, you can be sure that if you have the correct information you are more likely to make the best decision. The FET Syllabus content has been expanded beyond the processing and interpretation of financial data and information, into the realms of managerial accounting, forward-looking in nature, and into the efficient, effective and ethical managing of resources.</p> <p>Although financial statements are the end product of the accounting process, their ultimate purpose is to provide information for appropriate decision-making. Matric accounting students will not only be able to do books up to balance sheet for a small business, but also be able to help make decisions and assist with the planning for the future of the business.</p>	<p>We will be working towards developing three main <i>learning outcomes</i>:</p> <ul style="list-style-type: none"> ⑨ Using information from past period to make decisions about a business, i.e. 'looking at the PAST' ⑨ Using current information and projecting future information in order to influence performance, i.e. 'looking to the FUTURE' ⑨ Operating financial affairs in an appropriate manner, i.e. 'considering the RIGHT WAY of operating'. 	<p><u>In general</u>:</p> <ul style="list-style-type: none"> ⑨ Enhances problem solving skills ⑨ Develops critical thinking <p>Students are encouraged to adopt a questioning approach to the subject which will be of benefit in their personal lives as well as their future careers.</p> <p>The skills developed in this subject are life skills and can be used in everyday life; it does not mean you choose to make Accounting your career.</p>	<p>Students who choose to take Accounting must be prepared to work hard. Homework is absolutely essential to the learning process as the subject is practical in nature.</p> <p>Students will be expected to complete <u>homework on a daily basis</u>. It is the only way that they will continue to grow in their knowledge and understanding of the subject.</p>

BUSINESS STUDIES [Mrs A Solanki]

Content	Skills	Benefits / Uses	Other
<p>Business Studies learners will be able to gain knowledge about:</p> <ul style="list-style-type: none"> ⑨ Essential business principles ⑨ Identify business opportunities ⑨ Leadership and management skills ⑨ Setting and achieving business goals 	<p>Learners will be taught various strategies to achieve learning outcomes:</p> <ul style="list-style-type: none"> ⑨ Analysing data ⑨ Effective use of resources ⑨ Identification of challenges and opportunities ⑨ Evaluation of processes ⑨ Formulate strategies ⑨ Reporting 	<p>Business Studies will ensure that learners:</p> <ul style="list-style-type: none"> ⑨ acquire and apply essential business knowledge, skills and principles to conduct business in changing business environments productively and profitably. ⑨ Business Studies also forms the foundation for further business learning opportunities. 	<p>Students will be expected to complete homework on a daily basis. It is the only way that they will continue to grow in their knowledge and understanding of the subject.</p>

COMPUTER APPLICATION TECHNOLOGY [Mr B Nunda]

Content	Skills	Qualities	Benefits / Uses	Other
<p>Computer Applications Technology is the study of the integrated components of a computer system (such as hardware, software and software applications) and the practical techniques for their efficient use and application to solve everyday life problems.</p>	<p>It contains much of the same theoretical content as Information Technology, but does not require the logic and mathematical skills needed for programming. In Computer Applications.</p>	<p>Computer Applications Technology is best suited for the learners who are passionate about technology and possesses a good work ethic to meet the requirements of a demanding syllabus. This subject is a good alternative for those who enjoy working independently in both theoretical and practical tasks. The approach is more practical, and centres around both relevant and current ICT topics. It is considered as a gateway subject for many tertiary institutions.</p>	<p>In Computer Applications Technology, a learner will:</p> <ul style="list-style-type: none"> ① use end-user software applications proficiently ① understand the concepts of ICTs w.r.t. technologies that make up a computing system; ① understand the various technologies, standards and protocols involved in the electronic transmission of data via a computer-based network; ① use the internet and understand the role that it plays as part of the global information superhighway ① find authentic and relevant information, process the information to draw conclusions, make decisions and communicate the findings ① recognise the legal, ethical, environmental, social, security and health issues related to the use of ICTs and learn how to use ICTs responsibly. 	<p>The theoretical component of the subject covers Solution Development, Systems Technologies, Internet Technologies, Network Technologies, Information Management and Social Implications. While the practical component covers Word Processing including integration, Spreadsheet including integration, Databases including integration and Web Development (HTML Design).</p> <p>CAT requires the learner to have computer and internet access at home (the school also has labs available in the afternoons).</p>

CONSUMER STUDIES [Mrs S Borland]

Content	Skills	Qualities	Benefits / Uses	Other
<p>The following areas are covered:</p> <ul style="list-style-type: none"> ⑨ Entrepreneurship – production and marketing ⑨ Food and nutrition ⑨ Clothing and Fashion ⑨ Housing and Interiors ⑨ Food production <p>Consumer studies focuses on developing knowledge, skills values and attitudes in learners, to enable them to become responsible and informed consumers.</p> <p>This is both a practical and theoretical subject.</p>	<ul style="list-style-type: none"> ⑨ Cooking techniques ⑨ Budgeting ⑨ Planning ⑨ Costing ⑨ Teamwork ⑨ Computer skills ⑨ Menu planning ⑨ Nutrition ⑨ Problem solving ⑨ Entrepreneurship ⑨ Consumer needs 	<p>You will need the following qualities:</p> <ul style="list-style-type: none"> ⑨ Passion ⑨ Commitment ⑨ Hard work ⑨ Dedication ⑨ Attention to detail ⑨ Keen interest in health ⑨ Love for life – You are what you eat! ⑨ Fashion conscious – interior awareness ⑨ Time management and organisational skills ⑨ Creativity and flair 	<p>The following are some possible career opportunities:</p> <ul style="list-style-type: none"> ⑨ Consumer services and event management ⑨ Event co-ordination ⑨ Marketing and management ⑨ Public Relations and media ⑨ Product development ⑨ Dietician ⑨ Field of clothing ⑨ Field of housing ⑨ Entrepreneur ⑨ Formal education 	<p>You need:</p> <ul style="list-style-type: none"> ⑨ A textbook ⑨ An apron ⑨ A resource fee of approximately R650 must be paid

ENGINEERING, GRAPHICS & DESIGN [Mr M Bakkes]

Content	Skills	Benefits / Uses	Other
Although E.G.D., as a subject, concentrates on solving design problems related to mechanical, civil and electrical engineering, the scope of E.G.D. also includes other engineering technologies. In addition Computer Aided Design (CAD) has now been incorporated into the curriculum	In Engineering Graphics and Design the student will learn to combine creative thinking and drawing skills to solve design problems in the mechanical, civil and electrical engineering fields and to communicate these solutions as working drawings. The end result of these activities must be an improvement in quality of life and must contribute towards positive economic growth.	The development of positive attitudes, perceptions and aspirations regarding career opportunities related to E.G.D., is an important part of securing a future in the engineering environment..	Costs involved: Approximately R1 600 for everything required, including textbook, workbook, sketch pad, drawing board, drawing tools and any other necessary equipment.

GEOGRAPHY [Ms K Barow]

Content	Skills	Benefits / Uses	Other
This is a comprehensive subject that encompasses a broad range of topics: ⑨ Study of climate and weather processes, issues, forecasting and comprehensive corrective measures ⑨ Study of landscapes, rivers, human impacts ⑨ Resources, ecosystems, sustainability ⑨ Population dynamics and settlements ⑨ Mapwork and GIS applications ⑨ Human settlement patterns and global growth trends, forecasting and planning ⑨ Industrial activity and its socio-economic relevance to a developing society	You need to be: ⑨ Interested in the environment ⑨ Inquisitive about how the world formed ⑨ Enjoy applying your knowledge to ongoing events, issues and solutions ⑨ Seek an understanding of human responses and planning techniques ⑨ Believe in the future of this planet ⑨ Knowledgeable in the general world around you	There are many occupations that do use many aspect of this subject: ⑨ Agriculture ⑨ Commerce ⑨ Eco-law ⑨ Engineering, Mining Industry ⑨ Quantity Surveying ⑨ Environmental Management ⑨ Tourism ⑨ Town Planning ⑨ Architecture ⑨ Aviation ⑨ Politics ⑨ GIS ⑨ Geology ⑨ Socio upliftment	⑨ A strong mathematical ability is essential for Mapwork and interpretations of geographical information systems (GIS) ⑨ A general interest and awareness of news events and related topics in order to understand slopes, landscapes and mapping skills ⑨ Good utilization of the English language to debate, discuss and account for geographical trends

HISTORY [Mrs T Kruger]

Content	Skills	Benefits / Uses	Other
<p>History has changed! No longer is it about dates and learning irrelevant facts off by heart but rather addressing relevant and current issues. Students are encouraged to respect others and to allow for different perspectives. It is important as a newly democratic country to understand where we have come from in order to move forward.</p> <p>The content is taught through visual and textual sources such as cartoons, photos, diary entries, film and so on. Every effort is made to stimulate discussion and critical thinking.</p>	<p><u>You will learn to:</u></p> <ul style="list-style-type: none"> ⑨ Develop an interest in people and why they made certain decisions and how they impact on our lives today. ⑨ Develop an ability to interpret and to be able to pick up visual clues in cartoons and photographs and to read between the lines in written documents as well as an awareness of bias and stereotyping. ⑨ Develop an ability to write logical and concise answers and to select relevant information to formulate specific answers. ⑨ Become a confident and well informed young person who has compassion and tolerance for others. ⑨ Develop an ability to think very quickly and to write essays that require analysis. ⑨ Develop a critical attitude towards politicians and an open mind to issues that will always affect our world. 	<ul style="list-style-type: none"> ⑨ The skills that are taught in History are beneficial in all the other learning areas. ⑨ Learners will be able to evaluate issues and present well-structured reports on those issues. ⑨ Learners will also be able to examine sources and analyse their relevance to specific political events. ⑨ They will also be able to recognise the value of primary and secondary information as well as recognise bias, which will give them a better platform for understanding other learning areas. 	<p>History has changed from being about pages of “boring” information, to a dynamic and topical subject which is very popular at HPHS.</p>

INFORMATION TECHNOLOGY [Mr B Nunda]

Content	Skills	Benefits / Uses	Other
<p>IT is all about problem solving. Learners will acquire skills in a language called “JAVA” and study the theory of computers, namely:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Hardware <input type="checkbox"/> Networks <input type="checkbox"/> The internet <input type="checkbox"/> Social implications of IT and <input type="checkbox"/> Databases. 	<p>It is important to understand that IT is a subject requiring the learner to think “outside the box”.</p> <p>IT would be best suited to individuals that:</p> <ul style="list-style-type: none"> ⑨ require IT to kick-start their intended careers. (i.e. Programmers, Network engineers, IT technicians, IT Analysis) ⑨ have a keen interest in learning more about the inner-workings of a computer and network technology or programming. ⑨ are interested in developing logical and methodological skills in support of another career such as Mathematics or Engineering. 	<p>The knowledge and skills in IT enables learners to use information and communication technologies (specifically computers) in social and economic applications, systems analysis, problems solving, logical thinking, information management and communication.</p> <p>IT related jobs now constitute almost 60% of international jobs available on the market, with a projected annual growth of 20% through to 2020.</p> <p>IT makes use of skills that are used in every university level course from logical thinking to basic programming.</p> <p>Programming skills learnt in IT are marketable skills outside of the educational environment.</p>	<p>IT has a heavy workload that requires the learner to work diligently and consistently on a daily basis, especially with regards to the practical component.</p> <p>IT requires the learner to have computer and internet access at home (the school also has labs available in the afternoons).</p> <p>IT works on a paperless classroom model, and although not mandatory, access to a laptop or tablet would be advantageous.</p> <p>IT requires your child to be willing to part take in the practical application of knowledge. IT is not a purely academic pursuit.</p>

LIFE SCIENCES [Mrs A Lyall]

Content	Skills	Benefits / Uses	Other
<p>Life science consists of four main key areas of knowledge:</p> <ul style="list-style-type: none"> ⑨ The organism and its environment ⑨ Management of the environment ⑨ Cells, tissues, and metabolic processes ⑨ Systems and organs <p>Each of these knowledge areas are covered in Grades 10 – 12, with a trend towards more advanced concepts in each year.</p>	<p>We cover various skills (such as laboratory techniques, conducting and writing up of experiments) in each knowledge area.</p> <p>In addition, linkage is made between each knowledge area and the application of that knowledge to everyday life. (For example – ‘stems’ in Grade 10 would involve the calculation of tree age by looking at growth rings of the trunk; prediction of past climate changes can be indicated by looking at the width of growth rings of the tree trunk).</p> <p>Please note that no subject stands on its own. We link Life Sciences to subjects like Maths (biological calculations) , Science (biochemistry), geography (biogeography, ecology) and even History (the theory that the witch trials in the US in the 1600’s were a result of people being infected with hallucinogenic drugs from mould that grew on the barley that they consumed!)</p>	<p>Life Sciences will benefit you if you decide to study any field of science as all the necessary skills taught in Life Sciences are the same that will be needed for ANY field of science at university.</p> <p>As with subjects like History, Life Sciences deals with ethics and debating skills are also practised. Life Sciences is a science– therefore a good mark in the subject reveals your ability to think laterally, reason, observe and investigate.</p> <p>Besides the obvious careers – medicine, veterinary science and psychology, there are a huge number of careers in research – palaeontology, zoological and botanical research, medical research, virology, genetics, forensics, biochemistry and microbiology, just to name a few.</p>	<p>Please be aware that it helps to have a good general knowledge of the subject. Extra reading (books, newspaper articles) will stand you in good stead for tests and exams!!</p> <p>It is a good idea that you consider taking Science if you decide to do Life Sciences. It will be a HUGE benefit with certain sections of work.</p>

MATHEMATICS / MATHEMATICAL LITERACY (Mr G Hough)

Content	Skills	Benefits / Uses	Other
<p>Mathematical Literacy is a practical application of Mathematics that will be relevant and useful in real world contexts. It caters for students who are more comfortable with less abstract Mathematics. Research projects are done where learners discover the realities of starting a business and interview people in the work place to investigate the usefulness of Mathematical Literacy.</p> <p>We hope this approach will take away any mathematical anxieties and allow for the development of a positive attitude towards Mathematics. We want the learners to become confident and willing to engage in Mathematical activities.</p> <p>"Mathematics" as we know it is very much still part of the curriculum and can be chosen as a subject in Grade 10.</p> <p>Excellent text-books have been sourced for both Pure Mathematics and Mathematical Literacy. These books support the emphasis placed on Mathematics at Hyde Park by containing detailed content, clear explanations, sufficiently difficult exercises and extension. Solutions are at the back of the book (Mathematics only) so that learners can monitor their progress.</p>	<p>Mathematical Literacy aims to teach numeric skills through meaningful dialogue, activities, situations and terminology.</p> <p>These skills include problem solving, problem posing, estimation, communication, and reasoning.</p> <p>Even if a student fails Mathematics in grade 9, Mathematical Literacy is still compulsory for grade 10.</p> <p>Whether Pure Mathematics or Mathematical Literacy, students must remember that any form of homework serves as reinforcement for the day's work and must be completed. Answers must be checked against the solutions.</p>	<p>Many tertiary institutions will accept Mathematical Literacy as a subject for entrance into certain courses; however it is advisable for parents to make enquiries first.</p>	<p>Learners are also given assignments and projects which they have to complete on the computer. This enhances their knowledge of the different Mathematics programmes available at Hyde Park. It also does away with some of the tedious class work.</p> <p>We encourage learners to take ownership of their progress, and to regularly ask for assistance.</p> <p>Pure Mathematics can be chosen as a subject in grade 10, while Mathematical Literacy becomes a compulsory subject if Pure Mathematics is not chosen as one of the 7 subjects.</p>

PHYSICAL SCIENCES [Mrs S Daubermann]

Content	Skills	Benefits / Uses	Other
<p>Everything around us involves Science in one form or another, from the air that we breathe, to the transport that brought us here tonight!</p> <p>The Grade 10 year will require the students to undertake several investigations, most with a practical component.</p> <p>Physical Science has two components, Physics and Chemistry.</p> <p>For the new CAPS (Grade 10 to 12) we will be studying the following themes:</p> <ul style="list-style-type: none"> ⑨ Mechanics ⑨ Waves, Sound & Light ⑨ Electricity & Magnetism ⑨ Matter & Materials ⑨ Chemical change ⑨ Chemical systems 	<p>We will be working towards developing three main <i>learning outcomes</i>:</p> <ul style="list-style-type: none"> ⑨ developing practical scientific inquiry and problem solving skills (what we want our students to be able to <u>do</u>) ⑨ constructing and applying scientific knowledge (what we want our students to <u>know</u>) ⑨ Understanding the nature of science and its relationship to technology, society and the environment (we want our students to evaluate the impact of science with regard to the environment, human development etc.) 	<p><u>In general</u>:</p> <ul style="list-style-type: none"> ⑨ Enhances problem solving skills ⑨ Develops critical thinking <p><u>In the workplace</u>, Science is essential for:</p> <ul style="list-style-type: none"> ⑨ Engineers ⑨ Architects ⑨ Pharmacists ⑨ Doctors 	<p>Students who choose to take Science <u>will need to work on a daily basis</u>. They must be prepared to work really hard.</p> <p>Homework will be given every Science lesson. It is expected that this will be done to the best of their ability.</p> <p>Above average maths skills are required throughout the FET phase.</p> <p>Above average science skills are required in order to be successful in this subject.</p> <p>It is important to note that Physical Science cannot be taken with Mathematical Literacy. If a student has to drop from core Mathematics to Mathematical Literacy they will have to give up Science.</p>

VISUAL ARTS [Ms L Chilvers]

Content	Skills	Benefits / Uses	Other
<p>Amongst others, the following expertise are offered in Visual Arts:</p> <p>Design – Graphics, Computer-aided, Fashion, Interior, Applied Arts and Crafts</p> <p>Photography – Draughtsmanship – Intaglio and Engraving processes</p> <p>Conceptualising – Installations – Architecture</p> <p>Processes of Illusionism and Abstraction – Modern and Post-Modern art</p> <p>Linguistic and Perceptual epistemology – Semiotics – Structuralism and Post-structuralism</p>	<p>The importance of right-brain competency is generally overlooked in our society, because it cannot be measured in the way that left-brain competency can.</p> <p>Left-brain competency relates to the ability to order, calculate, structure and make deductions (commonly associated with science and mathematics).</p> <p>Right-brain competency relates to the ability to empathise, innovate, intuit and explore.</p> <p>Right-brain competency is a medium through which left-brain competency becomes meaningful. After all, what is the point of structure without innovation?</p> <p>As a field of study, Visual Arts develops left-brain and right-brain competency through integrated activities. Our Art teachers are invested in the teaching of visual art. Their experience and expertise within the field is really quite astounding.</p>	<p>And if you're really worried about career opportunities, here we go:</p> <p>A background in ART will give you an advantage in :</p> <p>Architecture, draughtsman, civil engineering, archaeology, graphic design, creative director, advertising, art therapist, curator, art historian, fashion design, anthropologist, textile design, interior design, industrial design, graphic design, information technology, fine art, photography, animation, filmmaking, production design, art education, graphic journalist, tattooist, signage, printing, publicist, performance art, buyer for clothing franchises, window dressing, project manager, art director, copywriter, make-up artist, beautician, art restorer, gallery owner, antiques trader, auctioneer, paint effects specialist, paint technologist, art supplier, framer, community arts organisation, illustrator, lighting-artist, confectionary & cuisine, jewellery . . . And then some</p>	<p>Art Students have the privilege of excursions to various creative art centres which enhances their experience and knowledge of art, and relates to the prescribed syllabus.</p> <p><u>Supply of Art materials</u> A resource fee will be levied for the specialised equipment required for projects for the sake of convenience and affordability.</p>



Hyde Park High School - Subject

Name: _____

Gr. 9 _____

- ⑨ This form must be completed in full and be based on the current assessment as reflected in the last report and must conform to conditions indicated by an asterisk (*).
- ⑨ In order to select a subject it must have been passed at Grade 9 level.
- ⑨ Final approval will follow the year end assessment.

Language choice: (indicate whichever subject was studied in Grade 9 by means of a tick)		Afrikaans	
		Zulu	
Mathematics (indicate choice by means of a tick)		Maths Sep Mark	Maths (<i>Gr 9 mark > 45%</i>)
			Mathematical Literacy (<i>Gr 9 mark < 45%</i>)
Subject	Term 3 Mark	Electives (<i>Choose 3 – indicate choice by means of a tick</i>)	
English		Accounting * (<i>only with Maths</i>)	
BUS		Business Studies	
EMS		Computer Application Technology (CAT)	
TEC		Engineering Graphics and Design	
SSG		Geography	
SSH		History	
NSB		Consumer Studies	
NSS		Information Technology * (<i>only with English + Maths above 60%</i>)	
AC		Life Sciences	
		Physical Sciences * (<i>only with Maths</i>)	
		Visual Art	

I, parent/guardian do hereby select the above subjects for my child for the FET phase of his/her education (Grade 10 – 12). I acknowledge that:

- ⑨ The final approval will be based on the final promotion marks at the end of the year.
- ⑨ If the subjects selected, specifically those marked with an asterisk (*), do not conform to the conditions indicated above, the school reserves the right to alter these choices.
- ⑨ All electives have a limit on the number of pupils they can accommodate. In the event that the limit is reached, selection is based on a rank order. Should this affect my child's choices, I would like to request that the following alternatives be considered in order of preference, (indicate TWO elective subjects not already chosen above):

1	2
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Signed: _____

Date: _____

This form is to be completed and handed back to the registration teacher by **Monday 12 October 2020**.
Please note: Failure to hand this form in will result in your child being allocated subjects based on the space available in the elective subject classes.