



*Die skild bevat drie simbole:*

**'n Rat:**

Simboliseer die sterk tegniese karakter van die skool

**'n Boek:**

Simboliseer die essensieel noodsaaklikheid van akademiese kennis en onderrig

**'n Kerktoring:**

Simboliseer die oorsprong en ontstaan van die skool deur die inisiatief van die vroeë NG Kerk in Uitenhage en die feit dat onderrig en opvoeding volgens Christelike beginsels in die skool plaasvind

**Die leuse: *Omnino Paratus = Volkome toegerus:***

Dat die skool leerders intellektueel, fisies, kultureel en geestelik wil toerus om die volwasse lewe met vertroue tegemoed kan gaan

# GRAAD 8 HANDLEIDING

## 2018

H.T.S. DANIEL PIENAAR



DANIEL PIENAAR THS

# GRADE 8 MANUAL

## 2018

*Table of Contents*

1. Welcome / Welkom
2. Visie en Missieverklaring
3. Communication Channels
4. Open door Policy
5. School attendance
6. Financial obligations
7. Suggested Study Method—SQ4R
8. Summaries
9. The study environment
10. Die leerproses
11. Good health
12. A social life
13. Oueraanmoediging
14. Second-hand clothing store / Klerebank
15. Extra Maths Lessons
16. Daniel Pienaar Aftercare (t/a EduSwan Learning Centre)
17. School-based Assessment
18. Sport
19. Tips in a nutshell

“There are no secrets to success. It is the result of preparation, hard work and learning from failure.”—Colin Powell

Kom laat ons almal same, ons hoërskool besing,  
en aan die manne van weleer, verdiende hulde bring.

O, skool uit nood gebore, die eerste in ons land  
wat in behoeftes kan voorsien, van brein en oog en hand.

Hoe nederig was jou wording, hoe het jy nie gegroei  
van Swartkopsoewer vloed bedreig, om teen die bult te bloei.

Met Christenideale en diens as hoogste lus  
het jy ons vir die lewe, Volkome Toegerus.

“We’re all learning here; the best listeners will end up the smartest.” -  
Unknown

## *Tips in a nutshell*

- \* Create a quiet, comfortable learning area/study nook.
- \* Set realistic goals.
- \* Organise yourself.
- \* Summarise and use correct study methods.
- \* The yardstick is whether you have mastered the work, not how long you have been studying.
- \* Regular study hours are required.
- \* Homework and revision must be done daily.
- \* Become learning “fit” – make studying a habit.
- \* Take short breaks.
- \* Pay attention in class.
- \* Work out old exam papers.
- \* Reward yourself.
- \* A healthy diet is essential.
- \* Exercise regularly.
- \* Get enough sleep.
- \* Avoid stimulants.
- \* Socialise over weekends and preferably not during the week.
- \* Study during holidays.
- \* Make Grade 8 a team effort at home.

## *Visie en Missieverklaring*

### **Visie van die HTS Daniel Pienaar**

Waardegedrewe, toonaangewende en innoverende onderwys, geïnspreker deur leerderpotensiaal.

### **Missieverklaring**

Om volgens Christelik-geïnspireerde beginsels die leerder te begelei tot hoë geestelike en morele waardes, ter ondersteuning van 'n gesonde karakter;

Om in 'n toenemende tegnologies-georiënteerde wêreld, die kind met die nodige tegniese en tegnologiese kennis en vaardighede toe te rus, sodat hy die volwasse lewe as 'n potensieële entrepreneur en produktiewe lid van die samelewing sal kan betree;

Om in 'n snelveranderende wêreld, die kind met die nodige kennis en lewensvaardighede toe te rus, sodat hy/sy na skool die wêreld met selfvertroue sal kan betree;

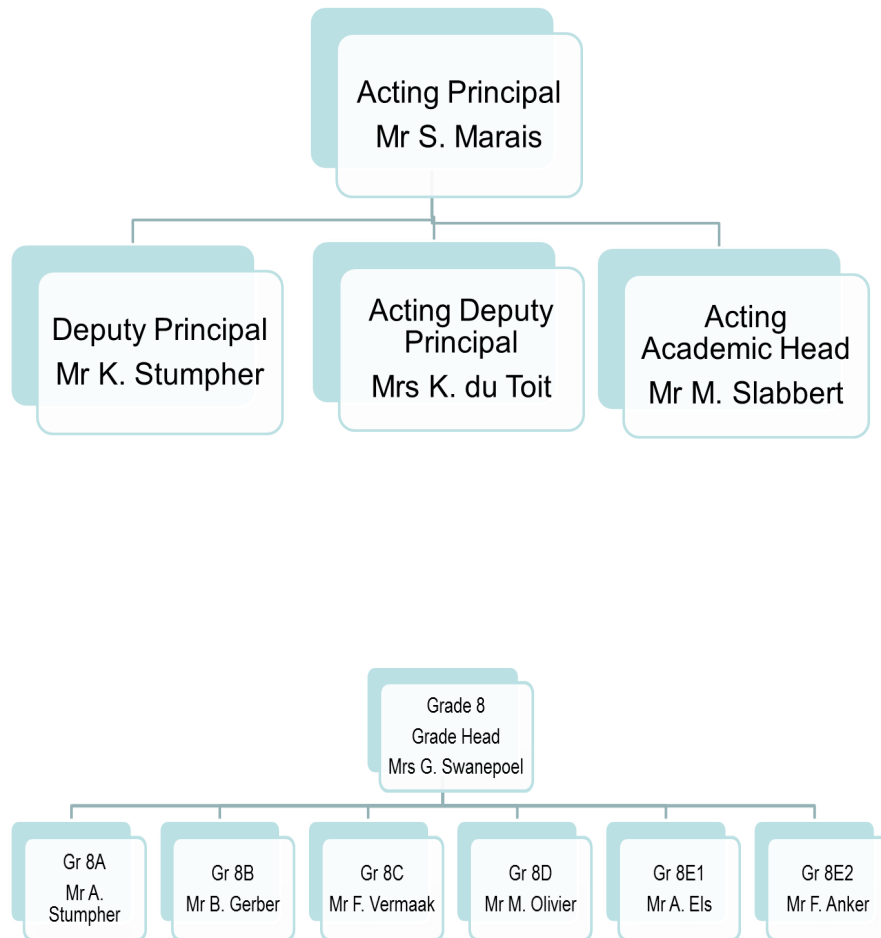
Om aan die kind die geleentheid te bied om sy liggaamlike vermoëns en talente so te ontwikkel, dat hy sy/haar volle potensiaal kan uitleef;

Om by die kind 'n blywende en waardige trots, liefde en respek vir die skool se tradisies en gebruike te kweek;

Om die onderwyser as primêre opvoeder in die skool te bemagtig en sodoende te betrek by die onderwys en afrigting van die leerder sodat die opvoedingsdoelwitte van die skool verwesenlik en uitgebou kan word.

“Self-discipline is usually love translated into action.” - Morgan Scott Peck

### Communication Channels



### Sport

<i>Sport</i>	<i>Practice / Oefen</i>	<i>Matches / Wedstryde</i>	<i>Teacher / Onderwyser</i>
Archery / Boogskiet			Mr Bakkes
Athletics / Atletiek			Mr Z. Kemp
Cricket / Krieket			Zarier Sirkhotte
Cross-country / Landloop	Mondays or Thursdays / Maandae of Donderdae	Tuesdays / Dinsdae	Mr Bakkes
Cycling / Fietsry			Mr P. Els
Golf / Gholf	Thursdays / Donderdae	Mondays / Maandae	Moolman Olivier
Motor sport / motorsport			Mr Kleingeld
Netball / Netbal			Ms C. Nortjè Erika Niemand
Rugby			Moolman Olivier Dawie Human
Squash			Mr W. Boshoff
Swimming / Swem			Mrs C. Marais
Tennis	Tuesdays / Dinsdae	Thursdays / Donderdae	Mrs C. Randall

“The five S’s of sports training are: stamina, speed, strength, skill and spirit; but the greatest of these is spirit.” - Ken Doherty

<i>Civil Technology / Sivele Tegnologie</i>		
<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
6	Construction research and poster Konstruksienavorsing en plakkaat	
8	Suspended Timber floor Houthangvloerkonstruksie	
March Test Series Maarttoetsreeks	Term test—Test Series Kwartaaltoets—Toertsreek	

<i>Electrical Technology / Elektriese Tegnologie</i>		
<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
March Test Series Maarttoetsreeks	Term test—Test Series Kwartaaltoets—Toertsreek	

<i>Mechanical Technology / Meganiiese Tegnologie</i>		
<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
March Test Series Maarttoetsreeks	Term test—Test Series Kwartaaltoets—Toertsreek	

### *Open door policy*

Mrs Geraldine Swanepoel

Contact details:

- 083 450 5007
- morgerswanepoel@gmail.com

Other Communications Methods:

- PTA
- Letters
- D6 Communicator
- Learner behaviour report (Detention)

“Be curious always! For knowledge will not acquire you; you must acquire it.” - Sudie Back

### *School Attendance*

- ◆ Learner to attend daily
- ◆ If absent, then letter of excuse to be submitted
  - ◆ If absent for more than three (3) days, then medical certificate or letter from clinic
  - ◆ Telephonic contact with school secretary
  - ◆ If a learner has missed a formal SBA assignment, a medical certificate is a necessity

"Be the change you want to see in the world." - Ghandi

### *Financial Obligations*

- ⇒ School fees
- ⇒ Communicate directly with the Principal
- ⇒ Request for reduction
- ⇒ Kindly contact the secretary for documents needed for reduction in school fees
- ⇒ There is a cut-off date for the request for reduction of fees, please act quickly

### *Social Science / Sosiale Wetenskap*

<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
5	Open book assignment: Geography Oopboektake: Geografie	50 marks 50 punte
8	Open book assignment: History Oopboektake: Geskiedenis	50 marks 50 punte

### *Technology / Tegnologie*

<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
	Assignment: Structure—model and portfolio Taak: Struktuur—model en portefeulje	40 marks 40 punte

### *IGO / EGD*

<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
March Test Series Maarttoetsreeks	Term test—Test Series Kwartaal toets—Toetsreeks	

## *Suggested Study Method*

### SQ4R

The SQ4R Method provides a systematic way of attaching textbook reading assignments. It encourages active rather than passive reading. In **passive reading**, one simply decodes the words without any mental engagement with the information in the text. In **active reading**, one is deliberately seeking information from a text by asking questions, anticipating information to come, making connections with previously read material or formulating personal reactions. The more mental interaction one has with the text, the more likely one will understand and retain it for a test.

**Survey:** Scan material to get a general idea of the material.  
Read the introduction and main headings.  
Look at pictures and graphs.  
Read summary and end of chapter questions.

**Question:** Ask questions by turning main headings into questions –  
What? Where? When? Why? How?  
Form questions using graphs, charts, bold words, introductions and summaries.

**Read:** Read with definite questions in mind.  
Attempt to answer these questions and organize the material in your own mind.  
Read only to the end of each headed section.

**Recite:** Look away from the material and ask yourself the questions.  
Answer them out loud.  
If you cannot answer the questions, go back over the material and read it again.

**Record (Write):** Underline in text.  
Take notes – jot down concepts, not complete sentences.

**Review:** Review each headed section briefly as you complete it.  
Review the complete section later.  
Use notes rather than the book to refresh your memory.  
Plan regular reviews.

“Today be thankful and remember how rich you are, your family is priceless, your time is gold, and your health is your wealth.” - Unknown

<i>Natural Science / Natuurwetenskappe</i>		
<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
	Practical: Respiration and Photosynthesis Prakties: Respirasie en Fotosintese	15 marks 15 punte
	Controlled Test: Photosynthesis, respiration and ecology Gekontroleerde Toets: Fotosintese, respirasie en ekologie	30 marks 30 punte
	Assignment 1: Ecology and Interactions Werkstuk 1: Ekologie en Interaksie	15 marks 15 punte
March Test Series Maarttoetsreeks	March Test Maarttoets	

### Summaries

- To be done daily
- Scanning and Skimming
- Questions
- Comprehension (Read)
- Summary
- Keywords
- Test
- Memorise/Visualise /Poster
- Revise

“Don’t look back; you’re not going that way.” - Unknown

### The study environment

A specific learning area or study nook is a good idea.

A comfortable temperature in the room is needed – use a fan or heater (depending on the season) to ensure this.

Earphones and music are distractors.

A cellphone should not be next to a learner’s books when studying – it is too tempting.

### Creative Arts / Skeppende Kunste

<i>Creative Arts / Skeppende Kunste</i>		
<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
	Visual Art: Create own dream cartoon Visuele Kunste: Skep eie droomstrookiesprent	
	Drama: A performance in class and in groups about social or environmental matters Drama: ‘n Drama-optrede in die klas en in groepe oor sosiale of omgewingsake	

<i>EMS / EBW</i>		
<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
	Data response: Unions Datarespons: Vakbonde	



<i>Mathematics / Wiskunde</i>		
<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
5 / 6	Assignment: Whole numbers, exponents and interest rate  Opdrag: Heelgetalle, eksponente en wisselkoer	25 marks  25 punte
8 / 9	Assignment: Algebra  Opdrag: ALgebra	25 marks  25 punte
10 / 11	Project (for Term 4)  Projek (vir Kwartaal 4)	50 marks  50 punte
March Test Series  Maarttoetsreeks	Test Series: Algebraic expressions  Toetsreeks: Algebra uitdrukkings en vergelyking	50 marks  50 punte

<i>Life Orientation / Lewensorientering</i>		
<i>Week</i>	<i>SBA / SGA</i>	<i>Total / Totaal</i>
	Practical: Fitness  Prakties: Fiksheid	30 marks  30 punte
	Written Assignment  Geskrewe Taak	70 marks  70 punte

### *Die leerproses*

'n Leerling:

- \* behoort noukeurig op te let in die klas—die leerproses begin reeds daar.
- \* behoort definitiewe, maar ook realistiese doelwitte te hê.
- \* moet georganiseerd wees.
- \* moet aktief besig wees met opsommings.
- \* moet leer totdat die werk onder die knie is.
- \* moet vaste studie-ure hê.
- \* moet 'n studierooster opstel.
- \* moet daaglik huiswerk doen en hersien.
- \* moet "leerfiks" raak—studies moet 'n gewoonte raak
- \* behoort ook rusperiodes te neem na elke twintig of dertig minute van studie
- \* kan himself / haarself ook 'n belanging vir goeie vordering gun

"Nothing will work unless you do." - Meyer Angelo

### *Good health*

A learner simply studies easier when he is in a good physical condition.  
Follow a healthy diet.  
Take a vitamin supplement if necessary.  
Avoid energy drinks and other stimulants.  
Exercise regularly.  
Sleep enough.

### *A social life*

Without being prescriptive, we advise parents to limit, as far as possible, social activities to weekends. This ensures that enough school work is done in the week and that learners are well-rested.

“Mistakes are always forgivable, if one has the courage to admit them.” -  
Bruce Lee

### *Oueraanmoediging*

Dit is ons ouers se voorreg en verantwoordelikheid om leiding te gee.

Kom ons wees streng wanneer dit nodig is, maar laat ons nooit vergeet dat ons ons kinders se hawe is nie.

Emosionele ondersteuning is 'n wye konsep. Ons is op hoogte van sake sonder om ons kinders te versmoor, ons moedig aan, en ons sorg vir 'n bederfdingetjie wanneer nodig, maar belangrik, ons help ook ons kinders teleurstellings verwerk. Kinders leer by hul ouers hoe 'n mens teleurstellings en terugslae verwerk.

Ek herhaal – dis 'n groot verantwoordelikheid, maar ook 'n voorreg.

### *Afrikaans Huistaal*

<i>Week</i>	<i>SGA</i>	<i>Totaal</i>
3	Taak 1: Voorbereide mondeling	
4	Taak 2: Verhalende opstel	
5	Taak 2: Artikel	
Maart Toetsreeks	Taak 3: Toets—Begrip en Taal	

### *Afrikaans Eerste Addisionele Taal*

<i>Week</i>	<i>SGA</i>	<i>Totaal</i>
3	Taak 1: Luisterbegrip	
5	Taak 2: Opstel	
6	Taak 2: Koerantberig	
Maart Toetsreeks	Taak 3: Toets—Begrip en Taal	

*School-based Assessment Term 1*

The School-based Assessments are subject to change (NECT). All changes will be communicated timeously.

<i>English Home Language</i>	
<i>Week</i>	<i>SBA</i>
4	Task 1: Oral
5	Task 2: Essay—Narrative / Descriptive (Written in class)
8	Task 3: Newspaper article (Written in class)
As per March Test Series	Task 4: Test Series

<i>English First Additional Language</i>	
<i>Week</i>	<i>SBA</i>
4	Task 1 Activity 1: Oral—Group discussion
3	Task 1 Activity 2: Prepared Reading
6	Task 2 Activity 1: Newspaper report
5	Task 2 Activity 2: Essay—Narrative
As per March Test Series Timetable	Task 3: Test Series

*Secondhand clothing store / klerebank*

- Available daily
- Mrs Swanepoel / Mrs Anna Pieterse
- All donations warmly received
- No charge for clothing, but donations always welcome

“You are the only person on earth who can use your ability.” - Zig Ziglar

*Extra Maths Lessons*

- ◆ At Daniel Pienaar Technical High School
- ◆ Directly after school
- ◆ Daily
- ◆ Learner must inform teacher-on-duty
- ◆ Free of charge

*Daniel Pienaar Aftercare (t/a EduSwan Learning Centre)*

- Details available from Morne Swanepoel @ 073 392 0010 or [morgerswanepoel@gmail.com](mailto:morgerswanepoel@gmail.com)

<i>Promotion requirements / Slaagvereistes</i>	
Home Language / Huistaal	50%
Additional Language / Addisionele Taal	40%
Mathematics / Wiskunde	40%
Any 3 subjects / enige 3 vakke	40%
Any 2 subjects / enige 2 vakke	30%

“Act as if it were impossible to fail.” - Dorothy Brande

“Win if you can, lose if you must, but NEVER QUIT!” - Cameron Trammell