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## Graeme College's Vision Statement

**"To strive for excellence by developing all to their full potential."**

## NEWSLETTER – Friday 26 May 2017

**"Success is never final and failure never fatal. It's courage that counts."**

I was forwarded this transcript of an interview recently, and thought it is so applicable to education and what we need to be preparing our learners for at Graeme College. It is an interview given by the current MD of Daimler Benz (Mercedes Benz), where he says his competitors are no longer other car manufacturing companies, but rather Tesla, Google, Apple, Amazon 'et al' are.....

I trust you will enjoy this extract of the interview as much as I did; you might want to search for the whole transcript yourself:

*"There have always been the 3 constants ... Death, Taxes and CHANGE! Software will disrupt most traditional industries in the next 5-10 years. Uber is just a software tool, they don't own any cars, and are now the biggest taxi company in the world. Airbnb is now the biggest hotel company in the world, although they don't own any properties.*

*Artificial Intelligence: Computers become exponentially better in understanding the world. This year, a computer beat the best Go player in the world, 10 years earlier than expected. In the US, young lawyers already don't get jobs. Because of IBM Watson, you can get legal advice (so far for more or less basic stuff) within seconds, with 90% accuracy compared with 70% accuracy when done by humans. So if you study law, stop immediately. There will be 90% less lawyers in the future, only specialists will remain.*

*Watson already helps nurses diagnosing cancer, 4 times more accurate than human nurses. Facebook now has a pattern recognition software that can recognize faces better than humans. In 2030, computers will become more intelligent than humans. Autonomous cars: In 2018 the first self-driving cars will appear for the public. Around 2020, the complete industry will start to be disrupted. You don't want to own a car anymore. You will call a car with your phone, it will show up at your location and drive you to your destination. You will not need to park it, you only pay for the driven distance and can be productive while driving. Our kids will never get a driver's licence and will never own a car. It will change the cities, because we will need 90-95% less cars for that. We can transform former parking spaces into parks. 1.2 million people die each year in car accidents worldwide. We now have one accident every 60,000 miles (100,000 km), with autonomous driving that will drop to one accident in 6 million miles (10 million km). That will save a million lives each year. Most car companies will probably become bankrupt. Traditional car companies try the evolutionary approach and just build a better car, while tech companies (Tesla, Apple, Google) will do the revolutionary approach and build a computer on wheels. Many engineers from Volkswagen and Audi are completely terrified of Tesla. Insurance companies will have massive trouble because, without accidents, the insurance will become 100x cheaper. Their car insurance business model will disappear. Real estate will change. Because if you can work while you commute, people will move further away to live in a more beautiful neighborhood. Electric cars will become mainstream about 2020. Cities will be less noisy because all new cars will run on electricity. Electricity will become incredibly cheap and clean: Solar production has been on an exponential curve for 30 years, but you can now see the burgeoning impact. Last year, more solar energy was installed worldwide than fossil. Energy companies are desperately trying to limit access to the grid to prevent competition from home solar installations, but that can't last. Technology will take care of that strategy... In China, they already 3D printed and built a complete 6-storey office building. By 2027, 10% of everything that's being produced will be 3D printed. Business opportunities: If you think of a niche you want to go in, ask yourself: "in the future, do you think we will have that?" and if the answer is yes, how can you make that happen sooner? If it doesn't work with your phone, forget the idea. And any idea designed for success in the 20th century is doomed to failure in the 21st century.*

*Education: The cheapest smart phones are already at \$10 in Africa and Asia. By 2020, 70% of all humans will own a smart phone. That means, everyone has the same access to world class education. Every child can use Khan academy for everything a child needs to learn at school in First World countries. There have already been releases of software in Indonesia and soon there will be releases in Arabic, Swaheli and Chinese this summer. I can see enormous potential if we give the English app for free, so that children in Africa and everywhere else can become*

*fluent in English and that could happen within half a year..."*

An interesting concept of what could lie ahead for the learners in our classes now – a great read, just to get you thinking.

*Gregg van Molendorff*

## **FEE PAYMENTS**

Parents with Capitec bank accounts are requested to check their payment references on recent payments made to Graeme College. The Finance Office has received a number of EFT payments from Capitec without adequate references to allow them to transfer the payments to the correct accounts. Please contact Miss Norton to confirm payments (c.norton@graemecollege.co.za).

## **ACADEMIC**

### **GRADE 12 JUNE EXAMINATION TIMETABLE - UPDATED**

Owing to the Departmental changes in the timetable for common Grade 12 papers, Graeme College has had to amend our Grade 12 June Examination timetable. The updated timetable was distributed to all Grade 12s on Friday 19 May. We apologise for any inconvenience that this might have caused. Please note the changes as listed at the end of the Newsletter.

### **AMESA MATHEMATICS COMPETITION**

The following junior learners (Grades 4 – 7) have progressed to the final round of the AMESA Mathematics Competition:

- Gr 4: Christopher McLean, Noah Tabensky  
Gr 5: Tyenu-Josh Cannon, Bernard Frost, Liyema Mbatyoti, Indiphile Pona, Brogan Wolff  
Gr 6: Jordan Gailey, Junaid Douglas, Mark Porter  
Gr 7: Jack Botha, Thabo Chikiwa, Tristan Rudolph, Similo Tshuma

## **CULTURAL**

### **EAST LONDON EISTEDDFOD**

Congratulations to Bayanda Mthetho who performed at the Awards Ceremony on Monday evening. Bayanda received a medal for the Most Promising Pianist in the Senior Section.

## **SPORT**

### **CONGRATULATIONS**

#### **Squash: Eastern Province Representatives**

Congratulations to the following learners who have been selected to various Eastern Province squash teams (the rankings in each age group are also listed):

- U11: Tyenu-Josh Cannon (ranked 8<sup>th</sup>)                      U13: Ethan Beyleveld (ranked 7<sup>th</sup>), Yonela Sandi (ranked 8<sup>th</sup>)  
U14: Ethan Richardson (ranked 3<sup>rd</sup>), Ethan Kent (ranked 6<sup>th</sup>)      U16: Garwin Dampies (ranked 4<sup>th</sup>), Dale Pote (ranked 8<sup>th</sup>)  
U19: Stefan Botha (ranked 5<sup>th</sup>)

### **HOCKEY**

#### **Results**

GC 1<sup>st</sup> vs Alexander Road HS 1<sup>st</sup>                      lost      0 – 1                      GC 2<sup>nd</sup> vs PAHS U16A                      lost      0 – 4

### **SENIOR RUGBY**

#### **Eastern Province U18 Rugby Trials**

Good luck to the following Graemians who will be participating in the final round of the Eastern Province U18 rugby trials this Saturday at the Nelson Mandela Bay Stadium:

Cameron Amos, Julian Gardner, Sivuyisiwe Ngqiyaza, Mhlangabezi Ntwanambi, Matthew Robertson and Wonga Wakashe

#### **Fixtures: Saturday 27 May 2017 vs Hudson Park**

<i>Time</i>	<i>A Field (Hudson Park)</i>	<i>Time</i>	<i>B Field (Hudson Park)</i>
09h00	GC U14A vs HP U14A	09h00	GC U15B vs HP U15B
10h00	GC U15A vs HP U15A	10h10	GC U16B vs HP U16B
11h10	GC U16A vs HP U16A	11h20	GC 4 <sup>th</sup> XV vs HP 4 <sup>th</sup> XV
12h20	GC 3 <sup>rd</sup> XV vs HP 3 <sup>rd</sup> XV	12h30	GC U14B vs HP U14B
13h30	GC 2 <sup>nd</sup> XV vs HP 2 <sup>nd</sup> XV		
14h45	GC 1 <sup>st</sup> XV vs HP 1 <sup>st</sup> XV		

**The buses will leave from Grant House as follows:**

**05h30 – U14 & U15                      06h00 – U16B, 4<sup>th</sup> XV, 3<sup>rd</sup> XV, 2<sup>nd</sup> XV**  
**06h30 – U16A, 1<sup>st</sup> XV**

## JUNIOR RUGBY

Fixtures: Wednesday 31 May 2017 vs Port Alfred HS & Oatlands Primary

Time	Marais A	Time	Marais B
14h15	GC U11C vs PAHS U11B	14h15	GC U9A vs PAHS U9A
15h00	GC U11A vs PAHS U11A	15h00	GC U13B vs Oatlands U13A
15h45	GC U13A vs PAHS U13A	15h45	GC U11B vs Oatlands U11A

Result: Saturday 20 May 2017 vs Lorraine Primary

GC U13A vs LP U13A	won	29 – 24	GC U13B vs LP U13B	lost	24 – 29
GC U13C vs LP U13C	won	38 – 7			
GC U11A vs LP U11A	lost	0 – 24	GC U11B vs LP U11B	lost	12 – 26
GC U11C vs LP U11C	drew	5 – 5			
GC U9A vs LP U9A	won	26 – 10			

## SQUASH

Results: Winter League

GCJ vs DSGJ won 13 – 5 GC3 vs RH4 won 15 – 2

Fixtures: Winter League

Monday		Tuesday		Wednesday		Thursday	
29 May	GCJ vs SAC6	30 May	GC3 vs WYV3	31 May	GC4 vs DSG1	1 June	GC1 vs SAC1 GC2 vs RHOD GC3 vs PAH1
5 June	GCJ vs KCJ1	6 June	GC3 vs FB1				

## TENNIS

Bailey Cup

Congratulations to the Graeme College tennis team who have retained the annual Bailey Cup Tennis Competition, for Graeme College's third year. Graeme College was placed first with 154 games (beating Port Alfred High School by 51 games, St Andrew's College/Prep by 11 games and Kingswood College by 21 games), followed by St Andrew's College/Prep (127), Kingswood College (100) and Port Alfred High School (69). Well done to the team!

## EVENTS

**GRAEME/VICTORIA PRIMARY SOCIAL – Friday 26 May 2017**

The Grade 6 and 7 social date takes place this evening at Victoria Primary. The social will start at 18h00 and end at 21h00.

**AN EVENING TO REMEMBER (TRINITY TENORS) – Wednesday 31 May 2017**

Sisa (an Eisteddfod gold winner) and Sibusiso (the golden voice choir master and music teacher) bring an hour of wonderment into your lives with their renditions of such favourites as "The Music of the Night", "Unchained Melody" and many more. Both are accomplished performers who will delight you. This performance will take place at the Trinity Presbyterian Church in Hill Street on Wednesday 31 May from 19h00. Tickets will be on sale at the door, from 18h30, and cost R40 for adults, R20 for seniors and R10 for students and scholars.

## GENERAL

### SECOND-HAND CLOTHING SHOP

Donations Needed

The Graeme College Second-hand Clothing Shop is in need of the following items (in good condition and irrespective of size): blazers, rain-o-macs, tracksuit tops and bottoms, pullovers and long sleeve jerseys.

Opening Times

The Second-hand Clothing Shop is open on the following days and times (excluding Public and School Holidays):

Monday: 13h00 – 13h30 Wednesday: 13h00 – 14h00

All enquiries with regards to the Shop will be dealt with by Mrs Siebritz (046-622 7227).

Yours sincerely

**K WATSON  
HEADMASTER**

## Senior Exam Timetable (Gr 8 - 11): 30 May - 9 June

	Monday 5 June	Tuesday 6 June	Wednesday 7 June	Thursday 8 June	Friday 9 June
<b>Grade 11</b>	English P2 (Lit) 09h00 – 11h30	Accounting 09h00 – 12h00	Afrikaans/isiXhosa P3 (Writing) 09h00 – 11h30	Mathematics P1 08h00 – 11h00	Visual Art P1 08h00 – 11h00
		Geography P1 09h00 – 12h00	Afrikaans/isiXhosa P1 (Language) 14h00 – 16h00	Maths Lit P1 08h00 – 09h30	Visual Art P2 Prac 12h00 – 17h00
		Geography P2 13h00 – 14h30			
<b>Grade 10</b>		English P3 (Writ.) 08h00 – 10h30	Physical Science 08h00 – 11h00	Afrikaans/isiXhosa P1 (Lang) 08h00 – 10h00	Visual Art P1 08h00 – 10h00
		Life Orientation 11h00 – 13h00	Business Studies 08h00 – 10h00	Afrikaans/isiXhosa P3 (Writing) 10h30 – 13h00	
<b>Grade 9</b>					Afrikaans/isiXhosa P1 (Writing) 10h00 – 12h00
<b>Grade 8</b>					Mathematics 10h00 – 12h00

## Gr12 ONLY Updated Exam Timetable

	Tuesday 30 May	Wednesday 31 May	Thursday 1 June	Friday 2 June	
	English P2 (Lit) 08h00 – 10h30	Physical Science P1 08h00 – 11h00	Music P2 08h00 – 09h30	Mathematics P1 09h00 – 12h00	
	Life Orientation 11h00 – 13h00			Maths Lit P1 09h00 – 11h30	
Monday 5 June	Tuesday 6 June	Wednesday 7 June	Thursday 8 June	Friday 9 June	
Afrikaans P2 (Lit) 10h00 – 12h00	Accounting 09h00 – 12h00	Life Sciences 09h00 – 11h30	English P1 (Lang) 08h00 – 10h00	Visual Art P1 08h00 – 11h00	
isiXhosa P2 (Lit) 10h00 – 12h00				English P3 (Writing) 10h30 – 13h00	Visual Art P2 Prac 12h00 – 17h00
CAT P2 (Theory) 14h00 – 16h30					
Monday 12 June	Tuesday 13 June	Wednesday 14 June	Thursday 15 June	Friday 16 June	
Mathematics P2 09h00 – 12h00	History P1 09h00 – 11h00	Afri/Xho P1 (Lang) 08h00 – 10h00	Design P1 08h00 – 11h00		
Maths Lit P2 09h00 – 11h30			Afri/Xho P3 (Writ) 10h30 – 13h00	Design P2 Prac 12h00 – 17h00	
			Music P1 (Theory) 08h00 – 11h00		
Monday 19 June	Tuesday 20 June	Wednesday 21 June	Thursday 22 June	Friday 23 June	
Physical Science P2 09h00 – 12h00	History P2 09h00 – 11h00	Business Studies 09h00 – 12h00	CAT P1 (Prac) 11h00 – 13h00	Geography P1 09h00 – 12h00	
			Music Pracs	Geography P2 14h00 – 15h30	