This Unit examines the development of, and trends and patterns within the Periodic Table, Atomic Theory, the Mole Concept and the interpretation of data from Mass Spectrometry. Students study the models for bonding, are introduced to organic chemistry and the application of surface chemistry in nanotechnology. Students use the language of chemistry, its symbols and chemical formulas and equations, to explain observations and data collected from experiments.

Outcomes
The ability to:

Explain how evidence is used to develop or refine chemical ideas and knowledge  
Use models of structure and bonding to explain properties of materials  

Assessment Tasks

End of topics tests  
Coursework  
Practical reports  
End of Semester Examination  
End of Semester Effort  

General Comment:
Alex has made excellent progress in Chemistry in Semester 1. He is a talented and hard-working student who has shown an independence and a maturity that the other students in the class would do well to follow. Alex’s end of topic tests have shown a deep understanding and it is clear that he revises outside of lessons. If Alex continues in this vein, and continues to ask for help when necessary, I am confident that he will fulfil his potential.

Unit Result:  S
VCE Extended Investigation 34

Teacher: Mr S G Angus  
Tutor: Mr G Tzikas

In this Unit students explore the nature and purpose of research and identify their own specific research question. They undertake initial research in their own chosen field of study and analyse the research of others, using critical thinking skills.

Outcomes
The ability to:

- Design and justify a research question  
- Write and present a research plan to a non-specialist audience

Assessment Tasks

- SAC 1: Written rationale  
  A+
- SAC 2: Written research plan  
  A+
- SAC 3: Oral task  
  A
- End of Semester Effort  
  VH
- End of Term 1 Effort  
  VH

General Comment:
Alex has continued to relish in the intellectual opportunities and challenges of academic research. He has developed the research question ‘How does being required to argue a particular side of a debate influence a persons ongoing stance on that matter?’. His question is clearly connected to his own interests and experiences and I am always looking forward to Alex's latest instalments as they are always full of thoughtful insights and ideas. Alex's written work has been particularly pleasing, he is a very eloquent writer who presents clear and articulate insights. He is also an excellent listener of others and as a result holds the respect and admiration of his peers.

Unit Result: S

^ Indicates that this student studies English as a Second Language
* Indicates a consultation with Tutor/Head of House (Senior School) or Subject Teacher (Wadhurst) is recommended
- No consultation needed
French 1

Teacher: Mrs J Rougeot

The areas of study for French comprise themes and topics, text types, kinds of writing, vocabulary and grammar. The commons areas of study provide the opportunity for the student to build upon what is familiar as well as develop knowledge and skills in new and more challenging ways.

Outcomes

*Establish and maintain a spoken or written exchange*  
*S

*Listen to, read and obtain information*  
*S

*Personal response to a text*  
*S

Assessment Tasks

<table>
<thead>
<tr>
<th>Task</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral skills</td>
<td>A+</td>
</tr>
<tr>
<td>Aural skills</td>
<td>A</td>
</tr>
<tr>
<td>Reading skills</td>
<td>A+</td>
</tr>
<tr>
<td>Writing skills</td>
<td>A+</td>
</tr>
<tr>
<td>Grammar skills</td>
<td>A+</td>
</tr>
<tr>
<td>Vocabulary skills</td>
<td>A+</td>
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End of Semester Examination

<table>
<thead>
<tr>
<th>Grade</th>
<th>Mark</th>
</tr>
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<tbody>
<tr>
<td>A+</td>
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End of Term 1 Effort

<table>
<thead>
<tr>
<th>Grade</th>
<th>Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>VH</td>
<td>3</td>
</tr>
</tbody>
</table>

General Comment:

Alex completed an excellent semester of French. In class he actively participated in group discussions and was generally efficient and focused when working individually. His homework was always completed with care and his weekly verb and vocabulary quiz results as well as the detail and accuracy of his written work were impressive. Alex demonstrated a very strong understanding of all the language skills this semester and his attitude and work ethic are encouraging. His confidence when speaking in French improved a lot and I recommend that he continues to focus on articulation and intonation when communicating. I congratulate Alex on his hard work and I look forward to seeing him improve even more next semester.

Unit Result: S
General Mathematics provides courses of study for a broad range of students and may be implemented in a number of ways. Some students will not study Mathematics beyond Units 1 and 2, while others will intend to study Further Mathematics Units 3 and 4. Others will also be studying Mathematics Methods Units 1 and 2 or Mathematics Methods (CAS) Units 1 and 2 and intend to study Mathematical Methods Units 3 and 4, or Mathematical Methods (CAS) Units 3 and 4 and, in some cases, Specialist Mathematics Units 3 and 4 as well. The areas of study for Unit 1 and Unit 2 of General Mathematics are Arithmetic, Data Analysis and Simulation, Algebra, Graphs of Linear and Non-Linear relations, Decision and Business Mathematics and Geometry and Trigonometry.

General Mathematics 1

Teacher: Mr R J Armstrong

Outcomes

The ability to:

- Define concepts and processes
- Use skills in non-routine contexts
- Use technology appropriately

Assessment Tasks

- Tests: A+
- Analysis tasks: A+
- End of Semester Examination: A+
- End of Semester Effort: H
- End of Term 1 Effort: H

General Comment:

Alex is a delightful young man who has a thorough approach to his work and he has maintained an impressive standard throughout the semester. He should continue to develop this rigorous approach and search out the harder problems from the review sections of the textbook to further strengthen his analysis skills. I congratulate him on his efforts, encourage him to review his work regularly and wish him well with his studies next term.

Unit Result: S
In this Unit students learn to identify the accidence and syntax of a Latin text, to translate sentences from Latin into English and English into Latin, to translate passages from a seen text, to respond to comprehension questions on a passage from a seen text, and to read aloud a passage of Latin, and to translate an unseen Latin passage.

Outcomes
The ability to:
- Translate sentences
- Translate a seen passage and respond
- Read aloud a passage of Latin
- Translate an unseen Latin passage

Assessment Tasks
- English sentences into Latin: A+
- Unseen passage translation: A+
- Latin vocabulary test: A+
- End of Semester Examination: A+
- End of Semester Effort: VH
- End of Term 1 Effort: VH

General Comment:
Alex has worked diligently and with great insight this semester. He has produced fluent translations of unseen passages of Latin and coped admirably with the transition to studying original Roman authors. He often participates in class discussions where his contributions are perceptive and thought provoking. He is an exemplary student who deserves to do well. I look forward to his continued efforts next semester.

Unit Result: S
Literature 1

Teacher: Ms N A Charles  
Tutor: Mr G Tzikas

Literature involves the study and enjoyment of a wide range of literary texts (classical, popular, traditional and modern) and literary genres (poetry, film, drama, short stories and novels). Its distinctive focus is on the use of language to illuminate and give insight into the nature of experience. Literature is an interactive study between the text, the social/political/ economic context in which the text was produced, and the experience of life and of literature that the reader brings to the text.

Outcomes

The ability to:

- Develop and justify their own responses to texts  
- Analyse the ways in which texts comment on the interests of particular groups  
- Analyse the construction of a film

Assessment Tasks

- Personal responses: A+  
- Oral presentation: A+  
- Film analysis: A+  
- Text essay: A+  
- End of Semester Examination: A+  
- End of Semester Effort: VH  
- End of Term 1 Effort: H

General Comment:

Clear thinking, inquisitive and impeccably motivated, Alex is a scholar of enormous academic integrity who has brought a great deal of grace to the Literature class this semester. At home in the realm in the abstract ideas, he has frequently distinguished himself as an independent thinker who is able to engage with confidence, the uncertainty that is an inevitable feature of our collective quest for understanding. His writing is sharp, focused and devoid of embellishment. His contributions to class discussions are always well considered, generous in their acknowledgment of others and discerningly supported with evidence from the text. These outstanding results are well deserved and I look forward to the remainder of the year with him!

Unit Result: S

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H High  
M Medium  
L Low  
A / A+ Excellent  
B / B+ Very Good  
C / C+ Good  
D / D+ Adequate  
E / E+ Minimal  
UG Ungraded  
NA Not Assessed  
NS Not Submitted  
S Satisfactory  
N Not Satisfactory  
Numbers range from 5(High) to 1(Low)

^ Indicates that this student studies English as a Second Language  
* Indicates a consultation with Tutor/Head of House (Senior School) or Subject Teacher (Wadhurst) is recommended  
- No consultation needed
Mathematical Methods (CAS) 3

Teacher: Mrs M M Pomasan

Mathematical Methods (CAS) Units 3 and 4 consists of the following areas of study: Functions and Graphs, Calculus, Algebra and Probability which must be covered in progression from Unit 3 to Unit 4, with an appropriate selection of content for each of Unit 3 and Unit 4.

Outcomes

The ability to:

- Define concepts and processes and use them routinely
- Use skills in non-routine contexts
- Use technology appropriately

Assessment Tasks

- Tests: A+
- SAC 1 - Common test: A+
- SAC 2 - Application task: A+
- End of Semester Effort: VH
- End of Term 1 Effort: VH

General Comment:

Alex is an enthusiastic, hard working student who appears to enjoy the challenge of more demanding problems and shows admirable perseverance in trying to complete them. He has a high degree of natural mathematical ability and an intuitive understanding of mathematical processes. Consequently, he is quick to grasp new ideas and is able to approach problems from a variety of perspectives, offering well reasoned, analytical solutions.

Unit Result: S

H: High, A: A+, Excellent
M: Medium, B: B+, Very Good
L: Low, C: C+, Good

Numbers range from 5(High) to 1(Low)

^ Indicates that this student studies English as a Second Language
* Indicates a consultation with Tutor/Head of House (Senior School) or Subject Teacher (Wadhurst) is recommended
- No consultation needed
House Report

Tutor:
Alex is having a stellar year at MGS in 2014. His academic results are outstanding, attracting admiration and praise from both his teachers and peers. More impressively is that Alex has matured into a focused individual who is able to balance his personal studies and the leadership responsibilities he has taken on within the greater school community. Within Creese House Alex has made enormous contributions and has been an excellent role model for his peers, particularly for the year 9’s and 10’s. He has supported Creese House in numerous sporting events as a spectator, read in Chapel Service, has participated in Senior Debating and helped out the Junior Debating team with their arguments and has received House Colours. Alex's sense of service, leadership and social responsibility goes beyond Creese House as well. He has involved himself in Peer Support and the Salvation Army Door knock within the Values in Action and Pastoral Care programs. He has actively participated within the Symphony Orchestra and has performed in two concerts. His highlight for the year is coming second in the Victorian State Relay Championships with the MGS U18 team. As his tutor it is rewarding for myself to see Alex grow and to gradually fulfil the potential that was so obvious in the shy Year 9 boy in 2012. I wish Alex all the best for the remainder of the year and urge him to continue with his whole school involvement as he is an intelligent and sensitive young man who is capable of becoming an excellent leader at Year 12 level.

Head of House:
This has been another excellent semester for Alex in all respects. He is an extremely capable young man and this is reflected in a fine set of reports and results. I can only encourage him to maintain these endeavours next term. Around the House he is an outstanding citizen and I have greatly appreciated the valuable contributions he makes to a variety of activities and particularly in debating. He sets a great example to others and I look to him to continue this important leadership role. It is a pleasure to have him in the House

Tutor: Mr G Tzikas

Head of House: Mr D McCoppin
Instrumental lessons are designed to establish and extend students’ musical knowledge and skills in performing, preparing and listening. Students have been required to: extend their musical repertoire, better their technique, develop their aural capacity, prepare for lessons, extend their musical knowledge and develop their sight-reading.

Outcomes

The ability to:

- Develop skills in solo performance: H
- Prepare the solo repertoire: H
- Develop skills in aural perception: M

Assessment Tasks

- Performance of repertoire: B
- Technique: B
- Aural: C+
- Preparation: A
- General knowledge: B
- Sight reading: B

General Comment:

Alex continues to make good progress on the trumpet. This semester has seen several breakthroughs in range and tone which are very pleasing. Performing with the Symphony Orchestra this semester has really been a boost to his confidence and has developed his musical concept. While our main focus has been preparing music for concerts we have continued our exploration of the register above the staff and maintaining an open tone throughout the registers. We have also looked at some exercises from the Arban tutor and begun some concert competition repertoire. Alex should make sure that he plays up to the ‘A’ above the staff every day if possible as this is his benchmark note for now. Alex is an enthusiastic student and his contribution to Symphony Orchestra and Wind Ensemble has been excellent.