Study Skills Orientation
for
Year 10 and 11 Parents
Why focus on parents?

‘A child’s education is the shared responsibility of the school and the home. Outside the school, the home is the most salient source of learning, encouragement and support for a child.’

Pincer Movement

Approach

Records suggest the great leader and army strategist, Hannibal, executed this manoeuvre in 216 BC. This is viewed by military historians as one of the greatest battlefield manoeuvres in history, and is cited as the first successful use of the pincer movement to be recorded in detail.

Once, we thought humans were born with a certain ‘level’ of brain capacity...

We believed that, by a certain age, we had a fixed IQ that was genetically predetermined.
We know now that this is not the case ... **intelligence is not fixed.**

- The human brain is dynamic and with **effort** and **persistence** it can change

- Your son’s **past performance** does not necessarily equate to his **future performance**
The 3 Week Programme

Monday 14 Oct: The Big Three: Science, English, Maths

Monday 21 Oct: Research 101

Monday 28 Oct: Using the Internet and Online Resources
YEAR 10 AND 11 SCIENCE

OCTOBER 2019
YEAR 11
SUBJECTS OFFERED

• Agricultural Science
• Biology
• Chemistry
• Physics
YEAR 11 ASSESSMENT

50% Internal Assessment (IA)
  • IA 1 – Data Test (10%)
  • IA 2 – Student Experiment (20%)
  • IA 3 – Research Investigation (20%)

50% Mock Exam, based on 12 months work (EA in Yr 12)
YEAR 10
SUBJECTS OFFERED

All students must do at least 2 science subjects (1 semester only)

• Agricultural Science
• Biology
• Chemistry
• Physics
• Global Systems
EFFECTIVE STUDY SKILLS

• Pen in hand
• Flow diagrams
• Concept maps
• Repeated revision
• Tick off the syllabus dot points
• Write your own practise revision Q
How to effectively guide from the sidelines
Planning

Critical
Conversations

Creating
Planning...

The H.E.A.T planning model
H - Hypothesis: This is where you briefly answer the question.

What is the question

What’s my answer?
### Task

You have been given an article on an issue seen in the film, ‘Lion’.

You must now write a 350-450 word response on the following question:

**Should texts like ‘Lion’ be mandatory viewing in schools to raise awareness of poverty-associated issues such as child trafficking, child exploitation and the dark side of international adoption?**

In your response, write an introduction and two body paragraphs which support the hypothesis in the introduction. Complete your response with a conclusion.

### To complete this task, you must:

- Read the article and select evidence for an argument
- Adopt a position to the question
- Use the conventions of a persuasive essay to justify your position.
Question
As an allegory for 1950s McCarthyism, what statements does ‘The Crucible’ make about power in a society?
Critical Conversation Point

What is the question? What’s your answer?
— **E** – Evidence: Gathering of evidence
- Create bullet points of the important pieces of evidence you have according to the question,
- Such as: deconstruction about plot, character, setting, themes, symbolism, aesthetic features.
- Or: my ideas about the story, my thoughts about the characters
- Or: quotes from the text
Critical Conversation Point

What have you found so far?
- **A**  
  Arrange: Arrange evidence into 3 groups. These will be your 3 body topics.
  - How do they relate to the question?
– Topic: Create a topic sentence for each of your 3 groups. These will be the introductory sentence to your 3 body paragraphs.
Critical Conversation Point

What angle are you going to take on your piece?

I’d like to hear your topic sentences (sometime).
2020 Program

ENGLISH – Poetry, Film, Short Stories, Play

LITERATURE – Poetry, Film, Novel, Play
Planning

– Many people neglect that the most important part of an essay – THE PLANNING

– Today we are going to revisit our method of pre-writing/planning known as H.E.A.T.
Choosing the correct level of Mathematics in Years 10, 11 and 12
LEVELS OF MATHEMATICS OFFERED IN YEAR 10

<table>
<thead>
<tr>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specialist Mathematics (One semester elective) (21)</td>
<td>Specialist Mathematics (One semester elective) (30)</td>
</tr>
<tr>
<td>Mathematical Methods (89 → 47)</td>
<td>Mathematical Methods (66 students)</td>
</tr>
<tr>
<td>General Mathematics (53 → 95)</td>
<td>General Mathematics (53 students)</td>
</tr>
<tr>
<td></td>
<td>Essential Mathematics (18 students)</td>
</tr>
</tbody>
</table>
# Levels of Mathematics Offered in Year 11

<table>
<thead>
<tr>
<th>2019</th>
<th>2020</th>
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</thead>
<tbody>
<tr>
<td>Specialist Mathematics</td>
<td>Specialist Mathematics 13→</td>
</tr>
<tr>
<td>Mathematical Methods 89 → 47</td>
<td>Mathematical Methods 52 →</td>
</tr>
<tr>
<td>General Mathematics 53 → 92</td>
<td>General Mathematics 70 →</td>
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<tr>
<td>Essential Mathematics 3 → 20</td>
<td>Essential Mathematics 3 →</td>
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<tr>
<td>Mathematics C</td>
<td>Specialist Mathematics</td>
</tr>
<tr>
<td>Mathematics B</td>
<td>Mathematical Methods</td>
</tr>
<tr>
<td>Mathematics A</td>
<td>General Mathematics</td>
</tr>
<tr>
<td>Pre Vocational Mathematics</td>
<td>Essential Mathematics</td>
</tr>
</tbody>
</table>
MATHEMATICS OPTIONS @ TSS

Year 7: Mixed Ability Classes → Accelerated class (Year 8 Maths)

Year 8: Classes arranged based on ability → Accelerated class (Year 9 Maths)

Year 9: Classes arranged based on ability → Accelerated class (Year 10 MM)

Year 10: Less than B → General Mathematics Preparation

Year 10: B or better → Mathematical Methods Preparation → Specialist Mathematics (elective)

Year 10: Less than a C → Essential Maths

Year 10: C or better → General Maths

Year 10: Less than a B → Maths Methods

Year 10: B+ or better → Specialist Maths (in addition to Maths Methods)

Accelerated class (Year 11 MM)

Year 11: Essential Maths

Year 11: General Maths

Year 11: Maths Methods

Year 12: Specialist Maths (in addition to Maths Methods)

Accelerated Class (Year 12 MM)
HOW YOU CAN ASSIST YOUR SON

- Study Gym – Tuesday, Wednesday and Thursday afternoons 3.30pm – 5pm
- Supplementary books –
  
  TSS library
  Network Education – Scottsdale Drive, Robina
- Make an appointment to see Dr David Short our Career Guidance Officer
- Encourage flashcards, summary books, homework, homework, homework……...

In Year 11 the recommended number of hours per week is 11 and in Year 12 12 hours

(QCAA recommended hours of study is 3 hours of out of class work/study per senior subject)
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