

**FAIRFIELD METHODIST SCHOOL (SECONDARY)**

**INFORMATION SHEET FOR SEC 3 PARENTS 2022**

**Strategies for different subjects**

<b><u>SUBJECT</u></b>	<b><u>STRATEGIES</u></b>
English	<ol style="list-style-type: none"><li>1. Building content: (i) Students should keep abreast of issues happening around the world by reading about articles related to popular themes like Technology, Music, Sports, Environment, Values, Health, Art, Animals etc. (ii) Students should bring a physical book for silent reading in the morning before flag raising begins</li><li>2. Writing: Students should keep a personal journal, divided according to the themes mentioned in (1) to reflect about the things they have read and (2) recall the content they learnt through reading</li><li>3. Expanding Vocabulary: Students should use online dictionary websites (<a href="http://www.dictionary.cambridge.org">www.dictionary.cambridge.org</a>) to find out the meaning of difficult words to expand their vocabulary. These words should be recorded in (2) and efforts should be made to apply these new words</li><li>4. Building personal responses: (a) Parents can consider telling your child about a book/an article you have read and why you love it, to inspire your child to love reading (b) Parents can discuss a book/article with your child to elicit his/her personal responses (c) Parents can discuss with your child how/why certain words are used in print and online reading material, and its effect on the reader</li></ol>
Chinese B	<ol style="list-style-type: none"><li>1. Free Writing: Practise picture essay and email writing. Practise typing in Chinese, by typing out paragraphs in the textbooks.</li><li>2. Spelling: Familiarize key vocabulary that are topic related by having someone to read out a list of words, and writing/typing them out.</li><li>3. Listening &amp; Speaking: Watch more Chinese short videos online, and practise simple conversation with parents or people in the community.</li><li>4. Tune in to YES933 or Jia883, to cultivate the habit of listening to Mandarin</li></ol>
Chinese(Exp/NA)	<ol style="list-style-type: none"><li>1. Paper 1 (Email writing &amp; Composition)</li></ol>

	<p>Analyze the questions. Highlight keywords and understand the requirements of the question.</p> <p>Narrative: Make use of person description skills learnt in Sec 1 &amp; 2. Clear narration of the development of events. Learn and practice various ways of narration techniques (e.g 倒叙、顺叙、插叙 ) .</p> <p>Argumentative/Expository: Brainstorm essay outlines for a range of current affairs topics using 《话题讨论》、早报校园 ( zbschools.sg ) . Familiarize various techniques used in argumentative and expository essays.</p> <p>2. Email Writing: Familiarize with the format for email writing. Analyze the questions and identify the requirements of the questions. It is normally straightforward in the question. (common mistake of not writing to the point)</p> <p>3. Comprehension: Practice the different types of comprehension questions and the answering techniques for each type (e.g 复述题、对比题、评鉴题、解释题等 )</p> <p>4. Oral:</p> <p>Reading : Practice reading aloud using the textbooks.</p> <p>Conversation : Practice daily conversation with classmates or family members.</p> <p>5. Listening: Tune in to YES933 or Jia883, to cultivate the habit of listening to Mandarin</p>
Chinese (NT)	<p>1. Revise the passages and vocabulary in the textbook to enable the students to increase their vocabulary bank and be able to recognise words.</p> <p>2. For Section 1 of Paper 1(E-exam), students can practice typing by typing out the texts in the textbooks.</p>

	<div><div>3. Speak more Mandarin and watch Chinese programmes at home as the paper 2(Oral) makes up 50% of the total marks in N level.</div><div>4. Be ready and co-operative in class and hand in assignments/homework on time.</div><div>5. Tune in to YES933 or Jia883, to cultivate the habit of listening to Mandarin</div></div>				
Higher Chinese	<div><div>1. Essay writing: Research on current affair topic and collect evidence and real life examples to support their stand.</div><div>2. Use of a variation of argumentative strategies. (Compare and Contrast; real life examples; using quotes)</div><div>3. Be familiar with all the idioms and its meanings before using it in essays.</div><div>4. Comprehension: Be familiar with the stylistic tools used in comprehension passages.</div><div>5. Regular practice for summary writing.</div><div>6. Do timed practice for Paper 2 to condition to finishing the paper in time.</div><div>7. Watch reality shows or Channels in Chinese media, to create a language acquisition environment in Mandarin.</div></div>				
Literature	<div><div>General Guidelines</div><div><div><div>• Writing an exam type essay</div><div>1. Read the questions carefully. "How does Wyndham make it so easy to feel sympathy for David? Support your answer by close reference to <b>two</b> moments in the story. "<div><div>- Write a five-paragraph essay discussing the above question.</div></div></div><div>2. Analyze the question. • Circle, highlight and define key words • Write synonyms • Brainstorm</div><div>3. Plan - Outline • Create full thesis [Introduction + 3 topic sentences/PEEL + Conclusion] • Add details under topic sentences</div><div>4. The PEEL structure - to help you craft your response in paragraphs</div></div></div></div> <table><tr><td><b>POINT</b> Is there a point of view</td><td><b>EVIDENCE</b> What information do</td><td><b>EXPLANATION</b> What effect does this</td><td><b>LINK</b> What does this point and</td></tr></table>	<b>POINT</b> Is there a point of view	<b>EVIDENCE</b> What information do	<b>EXPLANATION</b> What effect does this	<b>LINK</b> What does this point and
<b>POINT</b> Is there a point of view	<b>EVIDENCE</b> What information do	<b>EXPLANATION</b> What effect does this	<b>LINK</b> What does this point and		

	that needs sharing? Is there an important piece of information that you can share in response to the question? Do you need to define a term?	you have to support your point? Are there quotes that you can use to illustrate the point that you are making? Are there examples that you can include that show what you mean?	evidence have? How important is the information that you have shared?	evidence have to do with the question?  <b>NOTE:</b> The link should not be a rehash of the point. An attempt must be made to reword / reexpress the point to show the connection at least.
	-One of the reasons why... -To begin with... -Moving on to the next point..	-For example.. -This is shown in.. -Such as.. -We can see this in..	-As a result of.. -This means that.. -This caused..	-In conclusion.. -This tells me that.. -This helps to answer the question because..

1. Check the google classroom for essays, notes, ppts and links that are/will be posted regularly
2. Practise exam techniques. Look at questions, highlight key words, ensure understanding of the questions and how to tackle them.

The Chrysalids

1. The CHrysalids - re-read novel, Make notes on events, characters, setting, plot, Ideas and themes that are shown.
2. [The Chrysalids Litcharts](#)
3. [The Chrysalids Wikisummaries](#)

Unseen

1. A brief summary and online course on poetic devices to refresh memory [http://study.com/academy/lesson/poetic-devices-definition-types-examples.html]
2. Glossary of terms for poetic devices [http://highered.mheducation.com/sites/0072405228/student\_view0/poetic\_glossary.html]

	<p>3. Look at past year questions and complete. Submit to teacher for feedback.</p> <p><u>Boom</u></p> <ol style="list-style-type: none"> <li>1. Re-read the play. Make notes on character, plot, ideas and themes. Look at passages and work out what emotions are evoked through the scene, and how you are made to feel that way.</li> <li>2. <a href="#">Dramatic Elements for Contemporary Drama</a></li> <li>3. <a href="#">Dramatic Elements</a></li> <li>4. <a href="#">Jean Tay shares a tip for students when reading Boom!</a></li> </ol>
Combined Humanities (Social Studies, Geography & History Elective)	<ol style="list-style-type: none"> <li>1. Comprehend the content ; build up on global and international issues; be ready to listen to different perspectives and form your own views.</li> <li>2. Understand the requirements of national examinations.</li> <li>3. Practice the skills taught to familiarise yourself with the different components presented[ especially for source-based questions] so as to strengthen the answering skills</li> <li>4. Maximise the revision booklet (ROX). Review the skills for source based questions(SBQ) Refer to the suggested answer schemes to know the expectations of typical ‘O’ and “NA” level questions and understand how to present your answers to meet the demands of the different questions</li> <li>5. Arrange for consultation sessions with the teachers to clarify doubts. Come prepared to discuss your work for maximum benefit.</li> </ol>
Additional / Elementary Mathematics	<ol style="list-style-type: none"> <li>1. Remember the formulae and understand the mathematical concepts.</li> <li>2. Do the topical TYS as a timed practice. Do numerous practices on different topics.</li> <li>3. A guide for time practice is as follows: <p>EMath Paper 1: Complete 8 questions in 30 minutes  Paper 2 : Complete 5 questions in 1 hour.  AMath Paper 1: Complete 3 questions in 30 minutes  Paper 2 : Complete 5 questions in 1 hour.</p> </li> </ol>

	<ol style="list-style-type: none"> <li>Log on to Mathematics portal (<a href="http://www.ace-learning.com">www.ace-learning.com</a>) for Sec 3NT to revise on various topics. Practise questions under Computerized Adaptive Test.</li> <li>Arrange for consultation session(s) with the teacher to clarify doubts in the topic(s)/concept(s). Come prepared with questions which you do not know how to do.</li> </ol>
Physics (Pure)	<ol style="list-style-type: none"> <li>Emphasis on the understanding and applications of abstract concepts rather than the recall of facts, procedures or theory. Concepts are interconnected by themes (eg. Waves- Sound, Light). Thus, listen during lessons to understand explanations of concepts. Digest the information and take down summarised notes based on understanding.</li> <li>Complete assignments on time so that the teacher is able to mark it/go through it in class and provide feedback.</li> <li>Prior reading of the chapter before actual lessons is encouraged.</li> <li>How to revise on your own more effectively: <ol style="list-style-type: none"> <li>First, refer to the Physics syllabus (6091). Know it well.</li> <li>Next, go through the notes made to recall what was learnt and use the textbook to clarify doubts.</li> <li>Practise topical TYS questions using notes and textbook as references if needed.</li> <li>Review and verify your answers. Note any queries or doubts arising from this.</li> <li>Arrange for time to consult the teacher about any doubt or ambiguity.</li> </ol> </li> <li>Strategies for assessment: <ol style="list-style-type: none"> <li>Refer to past test papers to know your areas of weakness. Revise on those topics (see above).</li> <li>Practise past year test papers or examinations and be familiar with the assessment format.</li> <li>Improve your time management by timing your practices.</li> <li>For Science Practical, refer to past practices.</li> <li>Clarify any doubts with your teachers.</li> </ol> </li> </ol>

	<p>f. Pace yourself during examinations during the examination period and do not neglect practising or the last paper, the paper 1 - MCQ.</p>
Chemistry (Pure)	<ol style="list-style-type: none"> <li>1. Listen during lessons to understand explanations of concepts. Digest the information and take down summarised notes based on understanding. Do not blindly copy notes while the teacher is explaining. Time will be given for note-taking.</li> <li>2. Complete assignments on time so that the teacher is able to go through it in class and provide feedback.</li> <li>3. How to revise on your own more effectively: <ol style="list-style-type: none"> <li>a. First, refer to the Chemistry syllabus (6092). Know it well.</li> <li>b. Go through the notes that were made to recall what was learnt and use the textbook to clarify any uncertainty.</li> <li>c. Practise topical TYS questions using notes and textbook as references if needed.</li> <li>d. Review and verify your answers. Note any queries or doubts arising from this.</li> <li>e. Arrange for time to consult the teacher about any doubt or ambiguity.</li> </ol> </li> <li>4. Strategies for assessment: <ol style="list-style-type: none"> <li>a. Refer to past test papers to know your areas of weakness. Revise on those topics (see above).</li> <li>b. Practise past year test papers or examinations and be familiar with the assessment format.</li> <li>c. Improve your time management by timing your practices.</li> <li>d. For Science Practical, refer to past practices.</li> <li>e. Clarify any doubts with your teachers.</li> <li>f. Pace yourself during examinations during the examination period and do not neglect practising or the last paper, the paper 1 - MCQ.</li> </ol> </li> </ol>

Biology (Pure)	<ol style="list-style-type: none"> <li>1. Both concepts and content are important in Biology. Listen during lessons to understand the explanations. Digest the information and take down summarised notes based on understanding. Do not blindly copy notes while the teacher is explaining.</li> <li>2. Complete assignments on time so that the teacher is able to mark it/go through it in class and provide feedback.</li> <li>3. How to revise more effectively: <ol style="list-style-type: none"> <li>a. First, refer to the Biology syllabus (6093).</li> <li>b. Go through the notes to recall what was learnt and use the textbook to clarify doubts. Pay extra effort to relate the concepts or content to the diagrams illustrated in the textbook. Diagrams of key structures and experiments are very important.</li> <li>c. Next, do up one summary sheet/ mindmap for each chapter after revising from notes and textbook.</li> <li>d. Practise topical TYS questions using notes and textbook as references if needed.</li> <li>e. Review and verify your answers. Note any queries or doubts arising from this.</li> </ol> </li> <li>4. Strategies for assessment: <ol style="list-style-type: none"> <li>a. Refer to past test papers to know your areas of weakness. Revise on those topics (see above).</li> <li>b. Practise past year test papers or examinations and be familiar with the assessment format. You must attempt the Yearly TYS and at least practise O Level Biology Papers from 2011 to 2020.</li> <li>c. Improve your time management by timing your practices.</li> <li>d. Ensure that key words are used and used in a precise manner.</li> <li>e. For Science Practical, refer to past practices.</li> <li>f. Clarify any doubts with your teachers.</li> <li>g. Pace yourself during examinations during the examination period and do not neglect practising or the last paper, the paper 1 - MCQ.</li> </ol> </li> </ol>
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<p>Combined Science (Physics/ Chemistry) and Science</p>	<ol style="list-style-type: none"> <li>1. Be attentive during lessons and ask your teachers for clarification.</li> <li>2. Read and make notes to help understand content.</li> <li>3. Know your syllabus (5076 for Exp, 5105 for NA, 5148 for NT) well.</li> <li>4. Do numerous practices on topics to familiarise yourself with the questions and also to strengthen answering skills. Practise topical TYS as well as past year papers.</li> <li>5. Meet teachers for consultation to clarify doubts. Can do some questions for teachers to mark as well to provide feedback.</li> <li>6. Small group discussion to discuss possible answers for questions.</li> <li>7. Familiarise yourself with the procedures for practical. Take extra effort to read and process the instructions and diagrams before performing the experiment.</li> <li>8. Strategies for assessment: <ol style="list-style-type: none"> <li>a. Refer to past test papers to know your areas of weakness. Revise on those topics (see above).</li> <li>b. Practise past tests or examinations and be familiar with the assessment format.</li> <li>c. Improve your time management by timing your practices.</li> <li>d. Clarify any doubts with your teachers.</li> <li>e. Pace yourself during examinations during the examination period and do not neglect practising or the last paper, the paper 1 - MCQ.</li> <li>f. For Science Practicals, do revise past practices and notes for the practical examination.</li> </ol> </li> </ol>
<p>Art</p>	<ol style="list-style-type: none"> <li>1. A two-year Art program whereby students will sit for the N and O level coursework (Paper 1) and Paper 2 exam at the end of Sec 4.</li> <li>2. Adhere strictly to the internal assignment deadlines set for each term and through the weeks in March, June and August. Weighted assignments will track the progress of</li> </ol>

	<p>the students and parents will be updated accordingly. Students who do not meet deadlines nor standards required of the work will be placed under the 'at-risk' monitoring list and parents will be informed.</p> <ol style="list-style-type: none"> <li>Students must pass the End-of-Year Art examination in order to progress to take Art at the Secondary 4 level.</li> <li>Students are expected to spend at least 2 - 3 additional hours per week to work on their assignments at home.</li> <li>Tuesdays afternoons are official curriculum time for Art lessons. Students must not plan any activities/remedials/tuition during the afternoons. MC/Parent letter applies for absences. Students who 'signed out' during the day for not feeling well must also produce MC/Parent letter before lesson on the following week.</li> <li>End-of Year Art examination will be set in-lined with the N/O level paper 2 format. Question papers will be issued 3 weeks in advance.</li> </ol>
Food and Nutrition	<ol style="list-style-type: none"> <li>Sec 3 syllabus aims to prepare the students for the O and N level coursework during their Sec 4 years, so students must work on their Sec 3 project work modules diligently as each module will equip the students with the required core skills and knowledge for the Sec 4 coursework.</li> <li>Be aware that the deadline for Submission of National Coursework will be strictly adhere to. Late submission will not be entertained. Thus they must start cultivating the habit of submitting all their work on time.</li> <li>Students are expected to spend at least 3 - 4 additional hours per week for their coursework.</li> <li>Familiarize yourself with the expectation of the O and N level paper 1.</li> </ol>
Design and Technology	<ol style="list-style-type: none"> <li>Sec 3 syllabus aims to prepare the students for the O and N level coursework during their Sec 4 years, so students must work on their Sec 3 project work modules diligently as each module will equip the students with the required core skills and knowledge for the Sec 4 coursework.</li> <li>Be aware that the deadline for Submission of National Coursework will be strictly adhere to. Late submission will</li> </ol>

	<p>not be entertained. Thus they must start cultivating the habit of submitting all their work on time.</p> <ol style="list-style-type: none"> <li>Students are expected to spend at least 3 - 4 additional hours per week for their coursework.</li> <li>Make use of the practise booklet as well as past year papers as a revision guide.</li> </ol>
Computer Applications (NT only)	<ol style="list-style-type: none"> <li>Familiarize yourself with the skills required for Inkscape, Scratch 3.0, word processing, spreadsheet and multimedia presentation. Practise the skills using the softwares.</li> <li>Read the textbook for the theory component.</li> <li>Access SLS to view Digital Learning Module (DLM) for Upper Secondary</li> </ol>

### **Available resources for revision**

<b><u>SUBJECT</u></b>	<b><u>RESOURCES</u></b>
English	<ol style="list-style-type: none"> <li>Sample essays</li> <li>English Language notes (given in class)</li> </ol>
Chinese B	<ol style="list-style-type: none"> <li>Workbook</li> <li>MC online Portal</li> </ol>
Chinese	<ol style="list-style-type: none"> <li>Workbook</li> <li>MC online Portal</li> <li>Chinese Vocabulary handbook</li> </ol>
Literature	<ol style="list-style-type: none"> <li>Literature texts: Lord of the Flies, Mining for Meaning, Everything but the brain</li> <li>Sample essays</li> <li>Published essays (posted on Facebook/Schoology)</li> </ol>
Combined Humanities	<ol style="list-style-type: none"> <li>Revision booklet (ROX)</li> <li>Past year school examination papers</li> </ol>
Additional Mathematics / Elementary Mathematics	<ol style="list-style-type: none"> <li>Ten Year Series Assessment Book (Topical)</li> <li>Past year papers given by teacher</li> <li>Mathematics portal (<a href="http://www.ace-learning.com">www.ace-learning.com</a>) for 3NT.</li> </ol>

Physics (Pure)	<ol style="list-style-type: none"> <li>1. Physics Textbook with worked examples for reference and practice questions at the end of each chapter</li> <li>2. Physics Workbook</li> <li>3. 6091 Syllabus (already given and also available at <a href="http://www.seab.gov.sg">www.seab.gov.sg</a>)</li> <li>4. Ten Year Series assessment book (Topical)</li> <li>5. Past year papers given by teacher</li> <li>6. Online resources like <a href="http://www.physicsclassroom.com/Minds-on-Physics">http://www.physicsclassroom.com/Minds-on-Physics</a>, simulations on <a href="https://phet.colorado.edu/en/simulations/index">https://phet.colorado.edu/en/simulations/index</a>, teachers' website, and Student Learning Space (SLS).</li> </ol>
Chemistry (Pure)	<ol style="list-style-type: none"> <li>1. Chemistry Textbook with worked examples for reference and practice questions at the end of each chapter, and Chemistry notes.</li> <li>2. Chemistry Workbook</li> <li>3. 6092 Syllabus (already given and also available at <a href="http://www.seab.gov.sg">www.seab.gov.sg</a>)</li> <li>4. Ten Year Series assessment book (Topical)</li> <li>5. Past year papers given by teacher</li> <li>6. Selected online resources like Student Learning Space (SLS) and BBC Bitesize at <a href="http://www.bbc.co.uk/education/subjects/zs6hvcw">http://www.bbc.co.uk/education/subjects/zs6hvcw</a></li> </ol>
Biology (Pure)	<ol style="list-style-type: none"> <li>1. Biology Textbook and Workbook.</li> <li>2. Biology notes in notebook and in print (filed)</li> <li>3. 6093 Syllabus (already given and also available at <a href="http://www.seab.gov.sg">www.seab.gov.sg</a>)</li> <li>4. Ten Year Series assessment book (Topical)</li> <li>5. Past year papers given by teacher</li> </ol>

	6. Selected online resources like Student Learning Space (SLS) and simulations on <a href="https://phet.colorado.edu/en/simulations/index">https://phet.colorado.edu/en/simulations/index</a>
Combined Science (Physics/Chemistry) and Science	<ol style="list-style-type: none"> <li>1. Science (Physics) and Science (Chemistry) or Science (NT) Textbooks (with practice questions at end of each chapter) and Workbooks.</li> <li>2. 5076 (for Exp)/ 5105 (for NA)/ 5148 (NT) Syllabus (already given and also available at <a href="http://www.seab.gov.sg">www.seab.gov.sg</a>).</li> <li>3. Ten Year Series Assessment Book (Topical)</li> <li>4. Papers form past years and other schools given by teacher</li> <li>5. Online resources as given above for Chemistry and Physics for Combined Science. NT Science digital resources are also used by their Science teachers.</li> </ol>
Food and Nutrition	<ol style="list-style-type: none"> <li>1. F&amp;N Practise papers</li> <li>2. Past year papers given by teacher</li> </ol>
Design and Technology	1. CMN D&T Practise booklet
Computer Applications (NT only)	<ol style="list-style-type: none"> <li>1. SLS or google classroom for the e-book</li> <li>2. Inkscape Software (0.92) <a href="https://inkscape.org/release/inkscape-0.92/?latest=1">https://inkscape.org/release/inkscape-0.92/?latest=1</a></li> <li>3. Scratch Software Version 3.0 (Freeware) <a href="https://scratch.mit.edu/download">https://scratch.mit.edu/download</a></li> <li>4. OpenShot Video Editor <a href="https://www.openshot.org/">https://www.openshot.org/</a></li> </ol>

### **Suggested Template for Planning Revision**

Tips:

1. Avoid doing heavy content subjects on the same day. Mix and match the different subjects for revision
2. For more difficult topics, plan a longer time for revision
3. Factor in different programmes and activities, Example: Tuition and Extended Curriculum

### Planning of time

DATE	TIME	SUBJECT/TOPIC	THINGS TO DO	DONE
1 June	4:00 to 6:00 PM	English – 1 Comprehension and 1 Planning for Free Writing	Do 1 Comprehension Paper	
	6:00 to 7:00 PM	DINNER		
	7:00 to 9:00 PM	Combined Humanities ( Social Studies)  Principles of Governance – SEQ and SBQ	Read and make notes for content  Do 1 SEQ question on governance  Do 1 SBQ on governance	
	9:00 to 11:00 PM	Mathematics – Trigonometry	Do practices in TYS	

### Checklist for Revision

1. List down all the topics you need to cover for all the subjects.
2. Put a tick and the date you completed revision on a topic.

Subject	Topic/Chapter	Done	Date Completed
Mathematics	Trigonometry		