

# HWA CHONG INSTITUTION

## Information on the Revised JC Curriculum for 2012 JC1 Students

### E. Hwa Chong Special Programmes

Programme	Subject Requirement																			
<p><b>Science and Mathematics Talent Programme (SMTP)</b></p> <p>For enquiries, please email Mr Kwek Wei Hong Education Consultant SMTP: <a href="mailto:kwekwh@hci.edu.sg">kwekwh@hci.edu.sg</a></p>	<p><b>Objectives</b></p> <p>The Hwa Chong SMTP aims to</p> <ul style="list-style-type: none"> <li>• Provide an integrated and enriched curriculum which caters for high achieving students with a passion for Mathematics and the Sciences;</li> <li>• Provide a stimulating environment that nurtures the independent and inquisitive learner; and</li> <li>• Create opportunities for passion-focused activities in research, higher-level academic pursuits and other scholastic endeavours.</li> </ul> <p>The Core Curriculum is designed to ENRICH by broadening the learning experience, ACCELERATE by providing the right pace for high ability students and EXTEND by deepening the learning through higher order thinking processes.</p> <p>The Elective Curriculum is an extension curriculum that serves to excite, enhance and expose students to a wide variety of fields in Sciences and Mathematics. These experiential modules will be well integrated to provide for a relevant and multidisciplinary learning experience.</p> <p><b>Selection Tests</b></p> <p>Students interested in SMTP must sit for the selection tests in order to qualify for the programme. The Mathematics and Chemistry selection tests are compulsory. Students may choose to sit for the Physics or Biology selection tests.</p> <p>The tentative dates for the selection tests are:</p> <p>18th Jan 2012 SMTP Chemistry Test (IP) 19th Jan 2012 SMTP Mathematics Test (IP) 25th Jan 2012 SMTP Biology &amp; Physics Tests (IP) 31st Jan 2012 SMTP Chemistry Test (Non IP) 1st Feb 2012 SMTP Mathematics, Biology &amp; Physics Tests (Non IP)</p> <p><b>Recommended Subject Combinations</b></p> <p>SMTP students <b>must take</b> H2 Mathematics (MA), H2 Chemistry (CH) and <b>another</b> Science subject (Physics or Biology) at H2 level.</p> <p>Recommended subject combinations are as follows:</p> <table border="1" data-bbox="609 1630 1465 1868"> <thead> <tr> <th colspan="4">H2</th> <th>H1</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Mathematics</td> <td rowspan="4">Chemistry</td> <td>Biology</td> <td>Economics/ Geography</td> <td></td> </tr> <tr> <td>Biology</td> <td>KI*</td> <td></td> </tr> <tr> <td>Physics</td> <td>Economics/ Geography</td> <td></td> </tr> <tr> <td>Physics</td> <td>KI*</td> <td></td> </tr> </tbody> </table> <p>*Students have to pass the KI selection test if they wish to read the subject</p>	H2				H1	Mathematics	Chemistry	Biology	Economics/ Geography		Biology	KI*		Physics	Economics/ Geography		Physics	KI*	
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