



**IBSC** International Bilingual School  
at  
Central Taiwan Science Park

國立中科實驗高級中學雙語部



**Year 2023-24 First Semester Final Exam Scope-Grade 9 to Grade 12 & Elective Courses**

Subject	Grade 9	Grade 10	Grade 11	Grade 12
<b>Language Arts</b>	<input type="checkbox"/> Paper Exam <input checked="" type="checkbox"/> Alternative Assessment  Students will give a presentation using Google Slides to demonstrate their ability to recognize and understand the meaning of figurative language and rhetorical devices in a song of their choice. Presentation (Life of Pi or Romeo & Juliet?) TBA	<input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment  Grammar: chapter 12 ELA story: The Doll's House worksheets and analysis.	<input type="checkbox"/> Paper Exam <input checked="" type="checkbox"/> Alternative Assessment  Students will give a presentation using Google Slides to demonstrate their ability to recognize and understand the meaning of figurative language and rhetorical devices in a song of their choice. They will also give a presentation about the allegorical novel Animal Farm by George Orwell.	<input type="checkbox"/> Paper Exam <input checked="" type="checkbox"/> Alternative Assessment  Students will write a literary analysis essay of Charles Dickens "A Christmas Carol."  Themes, Symbolism, Historical importance
<b>Chinese</b>	<input type="checkbox"/> Paper Exam <input checked="" type="checkbox"/> Alternative Assessment  <b>Group A:</b> 個人詩詞藝術與報告介紹, 未能通過者則需進行紙筆測驗(範圍:L8,9、國學常識) <b>Group B:</b> vocabulary and sentence making test	<input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment  桃花源記、誓、左忠毅公逸事、天才夢  國字注音 (Jasper)	<input type="checkbox"/> Paper Exam <input checked="" type="checkbox"/> Alternative Assessment  <b>Group A:</b> 分組報告與展演、未能通過者需進行紙筆測驗(範圍:嶗山道士、劉姥姥、燭之武退秦師、國學常識) <b>Group B:</b> vocabulary and sentences making test	<input type="checkbox"/> Paper Exam <input checked="" type="checkbox"/> Alternative Assessment  楚漢背景下的鴻門宴詮釋展演報告



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<p style="text-align: center;"><b>Science</b></p>	<p><input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment</p> <p>chap4 Cells and energy chap5 Cell growth and division chap6 Meiosis and Mendel chap7 Extending Mendelian Genetics</p>	<p><input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment</p> <p>Magnetic fields due to current Electromagnetic induction Properties of waves- frequency, wavelength, period, and wave speed Introduction to EM waves Geometrical optics-reflection and refraction Mirrors and lenses Total internal reflection Physical optics- interference and diffraction</p>	<p><input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment</p> <p>Chapter 6 Section 5: Molecular Geometry Hybridization Intermolecular forces intramolecular forces</p> <p>Chapter 7 Section 3 Using Chemical Formulas Section 4 Determining Chemical Formulas</p> <p>Chapter 8 Describing Chemical Reactions Types of Chemical Reactions Activity Series</p> <p>Chapter 9 introduction to stoichiometry Limiting Reactants and Percentage Yield</p> <p>Chapter 10 States of Matter</p>	
<p style="text-align: center;"><b>Math</b></p>	<p><input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment</p> <ol style="list-style-type: none"> <li>1) Chp. 3 - Transformations</li> <li>2) Chp. 4 - Tri. Congruence</li> <li>3) Rel. in tri</li> <li>4) Quadri. and polygons</li> <li>5) Simil.</li> </ol>	<p><input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment</p> <p>Chapter 3-3 ~ 3-7 Chapter 4 (all) Chapter 6 (all) Additional Materials edited by the teacher</p>	<p><input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment</p> <p>Exponential and logarithmic equations Unit Circle Trigonometric functions/graph Inverse trigonometric function/graph Law of sin/cos Addition/subtraction formulas Double/half angle</p>	<p><input type="checkbox"/> Paper Exam <input checked="" type="checkbox"/> Alternative Assessment</p> <p>Students will finish a final work, including multiple choice questions, free response questions and self reflection.</p>



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<p><b>Social Studies</b></p>	<p> <input type="checkbox"/> Paper Exam  <input checked="" type="checkbox"/> Alternative Assessment             Ancient Greek Art Project         </p>	<p> <input checked="" type="checkbox"/> Paper Exam  <input type="checkbox"/> Alternative Assessment             Short Answer Format:             Ming and Qing Dynasties            Colonization            Age of Exploraton         </p>	<p> <input type="checkbox"/> Paper Exam  <input checked="" type="checkbox"/> Alternative Assessment             WWII Timeline Project         </p>	<p> <input checked="" type="checkbox"/> Paper Exam  <input type="checkbox"/> Alternative Assessment             Short Answer Format:             Social Structures            Societies            Groups            Formal Organizations            Personality Development            Socialization         </p>
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**Year 2023-24 First Semester Midterm Exam Scope- Elective Courses**

Course	Content	Course	Content	Course	Content
AP Biology	<input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment <ul style="list-style-type: none"> <li>Scope/Description:            ch.5 cell transportation            ch.6 movement of water in cells            ch.7 enzymes            ch.8 photosynthesis            ch.9 cellular respiration            ch.10 cell communication            ch.11 The cell cycle</li> </ul>	AP Chemistry	<input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment <ul style="list-style-type: none"> <li>Scope/Description:            Chapter 6            Section 5:            Molecular Geometry            Hybridization            Intermolecular forces            intramolecular forces             Chapter 7            Section 3            Using Chemical Formulas            Section 4            Determining Chemical Formulas             Chapter 8            Describing Chemical Reactions            Types of Chemical Reactions            Activity Series             Chapter 9            introduction to stoichiometry            Limiting Reactants and Percentage Yield             Chapter 10            States of Matter             Chapter 11            Gases             Chapter 12            Solutions             Chapter 13            Ions in Aqueous Solutions</li> </ul>	AP Physics 1	<input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment <ul style="list-style-type: none"> <li>Scope/Description:            1. Unit 2- Dynamics            2. Unit 3- Energy and Work            3. Unit 4- Momentum and Impulse</li> </ul>



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Course	Content	Course	Content	Course	Content
			Chapter 14 Acids and Bases		
AP Calculus AB	<input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment • Scope/Description: Differentiating Inverse functions Differentiating Inverse trigonometric functions Position/velocity/acceleration Linearization (approximation) Related rates L'Hospital rule Mean value theorem Extreme value, critical points Increasing/decreasing, concavity Graphing the function	Language and Composition Support	<input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment • Scope/Description: Unit Title: Adversity Reading Comprehension Analyze Text Structures Explicitly Autobiography Biography  <b>Writing</b> Interviews How-to Essay  Conventions and Language Capitalizations Theme, Tone and Mood Etymology of words  <b>For the Examination a Multiple Choice Paper will be done.</b>  <b>Writing</b> <b>A Writing Paper will be administered before the date of the exam. It is a research that they will be doing.</b>	Current Issues	<input type="checkbox"/> Paper Exam <input checked="" type="checkbox"/> Alternative Assessment  Current Issues Reflection Essay (individual topics chosen in class)



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Course	Content	Course	Content	Course	Content
Nutrition Science and Impression Management	<input checked="" type="checkbox"/> Paper Exam <input type="checkbox"/> Alternative Assessment • Scope/Description: Importance of Nutrients (Carbohydrates, Fiber, Proteins, Vitamins, Minerals, Fats, Water) Harmful effects of air pollution	Dramatic Theatre	<input type="checkbox"/> Paper Exam <input checked="" type="checkbox"/> Alternative Assessment Final performance on 1/15. Refer to Thespys Guide for specific grading criteria. 1. Actors - Pg. 43 2. Sound - Pg. 64 3. Tech - Pg. 64 <a href="https://thespys.secure-platform.com/a/page/program-guide">https://thespys.secure-platform.com/a/page/program-guide</a>		