

西貢崇真天主教學校(中學部)
Sai Kung Sung Tsun Catholic School (Secondary Section)
綜合科學科
Integrated Science
課程大綱及評估方法
Syllabus and Assessment Scheme

級別：中二級
Level: Form 2

甲：課程大綱
A. Syllabus

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| <p>單元七：生物與空氣 Chapter 7: Living Things and Air</p> <p>7.1 空氣 Air</p> <p>7.2 光合作用 Photosynthesis</p> <p>7.3 呼吸作用 Respiration</p> <p>7.4 植物和動物的氣體交換 Gas exchange in plants and animals</p> | <p>單元八：電的使用 Chapter 8: Making Use of Electricity</p> <p>8.1 電和簡單電路 Introducing electricity and simple circuits</p> <p>8.2 電路圖 Circuit diagrams</p> <p>8.3 電流 Electric current</p> <p>8.4 電壓 Voltage</p> <p>8.5 電阻 Resistance</p> <p>8.6 串聯電路和並聯電路 Series circuits and parallel circuits</p> |
| <p>單元九：酸和鹼 Chapter 9: Acids and alkalis</p> <p>9.1 常見的酸和鹼 Common acids and alkalis</p> <p>9.2 酸鹼指示劑與 pH 標度 Acid-alkali indicators and pH scales</p> <p>9.3 中和作用 Neutralization</p> <p>9.4 酸的腐蝕性質 Corrosive nature of acids</p> | <p>單元十：環境的覺察 Chapter 10: Sensing the Environment</p> <p>10.1 感覺和感覺器官 Senses and sense organs</p> <p>10.2 視覺 Sight</p> |

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| 單元十一：力與運動 Chapter 11: Force and Motion 11.1 運動 Motion 11.2 力 Force 11.3 重力 Gravity 11.4 摩擦力和空氣阻力 Friction and air resistance 11.5 作用力及反作用力 Action and reaction | |
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乙：評估方法

B. Assessment Scheme

- (i) 學年成績 (100%+10%) = 第一學段 (50%+5%) + 第二學段 (50%+5%)
 Annual result (100%+10%) = First term (50%+5%) + Second term (50%+5%)
- (ii) 學段成績 (100%+10%) = 考試分 (50%+5%) + 平時分 (50%+5%)
 Term result (100%+10%) = Examination (50%+5%) + Daily assessment (50%+5%)
- (iii) 考試分：第一學期及第二學期：筆試 + 額外獎分題(100%+10%)
 Examination : First Term and Second Term : Written examination+ Bonus (100%+10%)

平時分：

| 第一學段 | |
|------------------|--------------|
| 課後測驗 | 50%(+5%) |
| 課堂參與 | 10% |
| 小測、課業及習作 | 30% |
| 學習態度 | 10% |
| 出席公開課堂 (額外分數) | (2.5% X2=5%) |
| 總分 | 100%+10% |

| 第二學段 | |
|------------------|---------------|
| 實驗技巧評估 | 10% |
| 課後測驗 | 20%(+2%) |
| 課堂參與 | 10% |
| 統一測驗 | 30%(+3%) |
| 小測、課業及習作 | 20% |
| 學習態度 | 10% |
| 出席公開課堂 (額外分數) | (1.67% X3=5%) |
| 總分 | 100%+10% |

Daily assessment

| First Term | |
|--------------------------------------|--------------|
| Chapter Test | 50%(+5%) |
| Lesson Involvement | 10% |
| Quizzes/Assignment/Project | 30% |
| Attitude | 10% |
| Public Lecture Attendance (Bonus) | (2.5% X2=5%) |
| Total | 100%+10% |

| Second Term | |
|--------------------------------------|---------------|
| Laboratory skill assessment | 10% |
| Chapter Test | 20%(+2%) |
| Lesson Involvement | 10% |
| Uniform Test | 30%(+3%) |
| Quizzes/Assignment/Project | 20% |
| Attitude | 10% |
| Public Lecture Attendance (Bonus) | (1.67% X3=5%) |
| Total | 100%+10% |