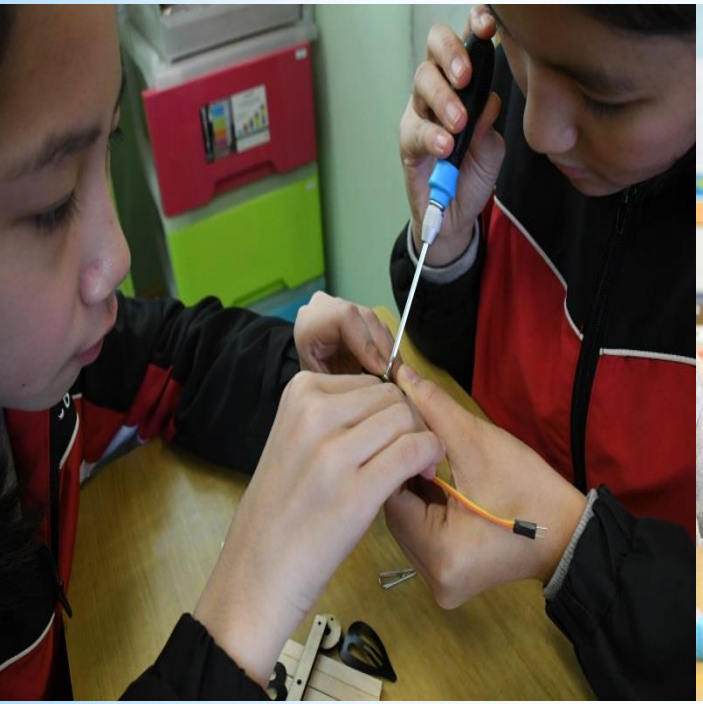
常識科校本課程設計

School-based General Studies Curriculum



校 本 課 程 理 念
Rationale

Higher-order thinking skills

• Other people's view	• Timeline of Events	• Compare & Contrast	• Attribute listing
• Predict all Consequences(PAC)	• Extended influence	• Examine Both Sides (EBS)	• Consider all factors
• Classification tree	• Change in cycle	• Guess and Match	• Alternatives, Possibilities, Choices(APC)
		• Forced Connection	
• 6-W Thinking Skills		•6 hats Thinking Skills	

Source: Education Bureau

高層次思維技巧總表

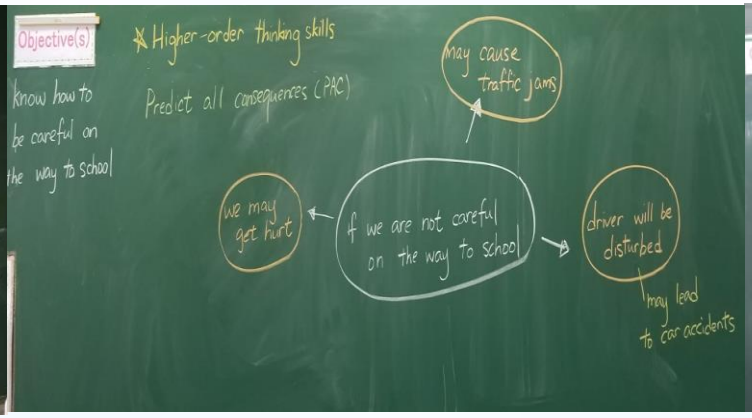
分類	強調擴散性思考	強調時序演變或相互連繫	強調兩方比較或互動	強調聚斂性思考
高階思維十三招	• 多方觀點	• 時間線	• 比較異同	• 特徵列舉
	• 推測後果	• 延伸影響	• 兩面思考	• 全面因素
	• **樹狀分類**	• **循環改變**	• 互捉心理	• 另類方法
			• 奇妙關係	
百搭招數	• 六何法		•六頂帽子思考法	

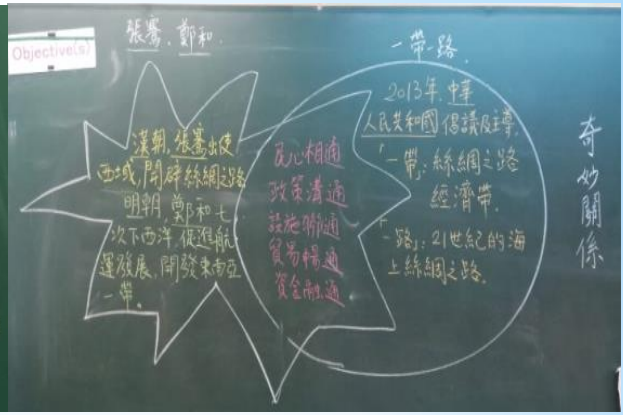
資料來源：教育局-資優教育教師網絡(常識科)

The school-based curriculum involves the emphasis of Higher-order Thinking Skills in order to develop students generic skills, thinking skills and self-directed learning skills as well as positive values and attitudes for their whole-person development.

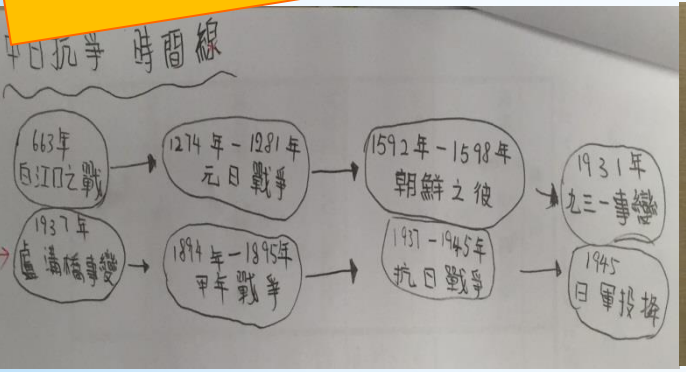
本校常識科，以「高層次思維技巧」作課堂設計的重點，目的訓練學生思維能力，當中亦包括各共通能力的訓練，提升教與學質素。

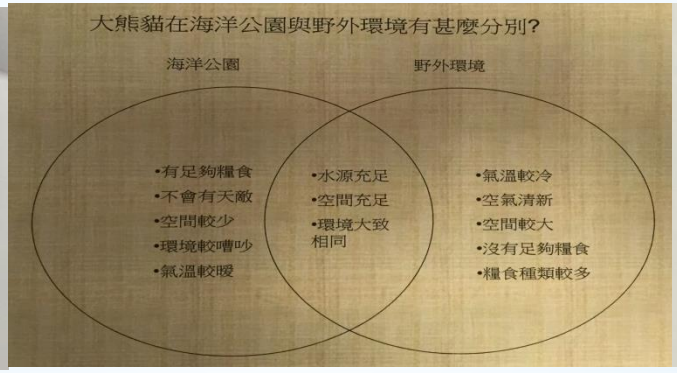
Discussion
課堂討論

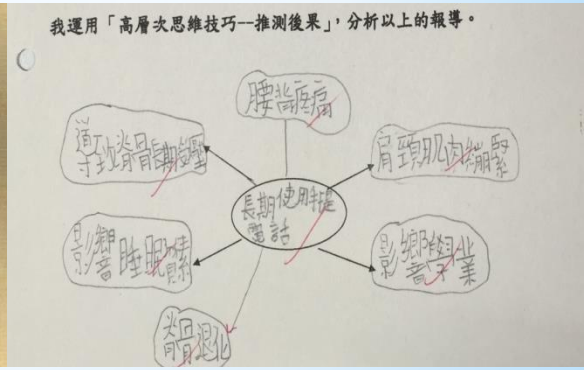




Students' work
學生課業







Students are provide the opportunity to develop their higher-order thinking skills which requires understanding and applying the knowledge.
每課均滲入不同的思維技巧，強調知識的理解和應用。

Growing up and healthy eating
我的身體、飲食好習慣
模擬蛀牙的實驗

Characteristics of air
空氣的探究-空氣動力

Electricity and everyday life
電的探究-硬幣發電機

We provide students the opportunities to develop science process skills through hands-on and minds-on scientific investigations, which could be a starting point for students to further integrate and apply knowledge and skills.

透過「手腦並用的學習活動」，幫助學生學習，建立科學的基礎，並激發他們對科學科技的興趣及為創科培養人才。

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Apply knowledge
學習與應用

Coding education應用編程教育

Closed circuit應用閉合電路

STEM Day--we select appropriate themes in G.S. curriculum for extended learning tasks to deepen students' understanding of those topics. By carrying out such activities, students integrate and apply their knowledge and skills to solve everyday life problems and learn collaboratively.

舉行STEM DAY，作課程學習的延展，增強學生綜合和應用知識與技能的能力。

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Coding education應用編程教育

Characteristics of air空氣的特性

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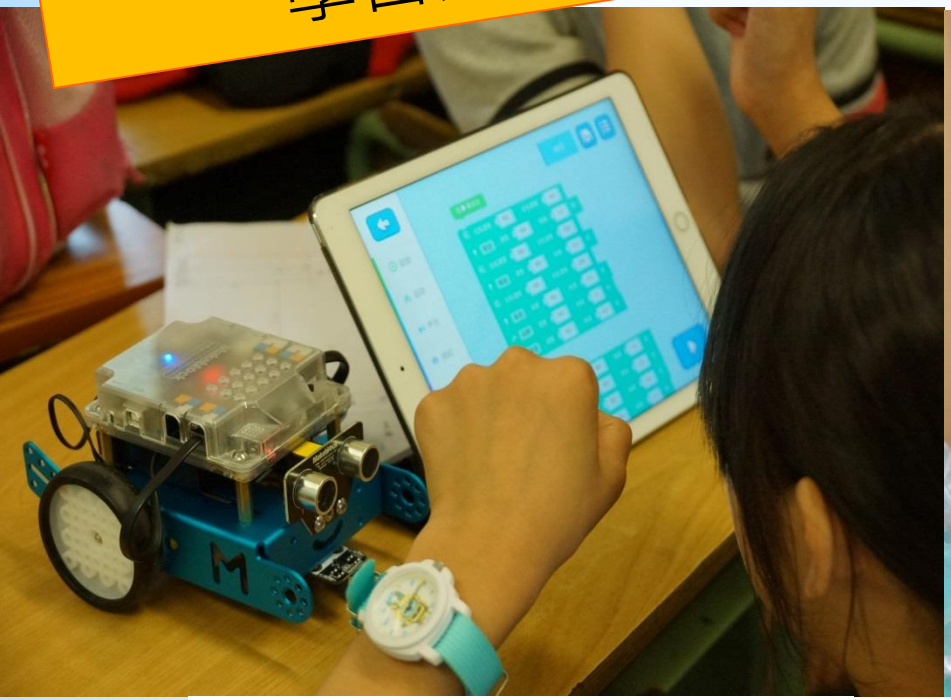

Coding education應用編程教育

Science and technology in toys,
Making toys with common materials自製玩具

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Make flexible use of teaching resources--students use appropriate tools or materials to do experiments. Students have to analyze the data and think of some solutions.

學生有很多機會利用不同的儀器進行實驗，以獲取客觀的數據進行分析，培養科學求真的精神及科研素養，創造了課堂上的學習科學的氣氛。

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