



St. Clare's Girls' School



Life-wide Learning Grant



Better use of the LWL Grant to enhance school-based STEM, Leadership Training and Junior Values Education Programmes

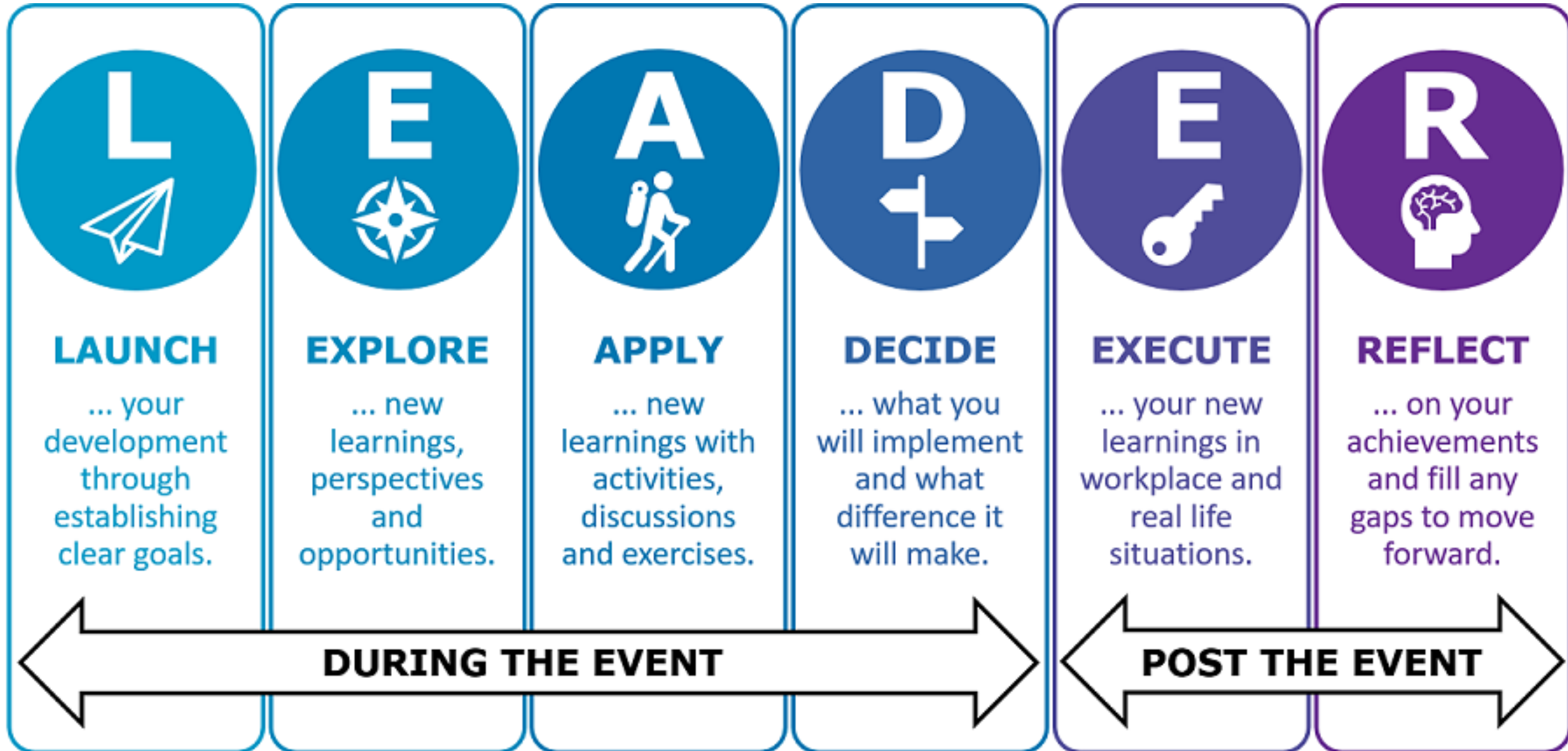


St. Clare's Girls' School

SCGS Leadership Skills



Enhancement of Leadership Training Program






St. Clare's Girls' School

Enhancement of Leadership Training Program

Adventure-based learning activities



A person is ziplining over a rocky coastline. The person is suspended in the air, arms outstretched, wearing a blue helmet and a light-colored shirt. The background features a steep, green mountain under a blue sky with scattered clouds. The water is a deep blue, and the rocks are dark and jagged. Another person is visible on the right, sitting on a rock and holding a rope.

以勇氣和堅毅
迎接每個生命中的
挑戰

Overcome
challenges
with courage
and
perseverance





跳出框框
Leave your
comfort zone
Challenge
yourselves

*Challenges are never dealt with on your own.
We need companions and their support.
Positively seek challenges from nature.
Build up self-confidence and team spirit.*



挑戰從來不是孤單應對，
我們需要同伴，需要支持，
透過大自然，挑戰自己，
建立自信及團體合作精神。

飛索、沿繩下降、攀石
Zipline, Abseiling, rock climbing

*Confronting challenges as a habit,
face difficulties with a positive attitude and
resilience*

讓挑戰成為習慣
以積極果敢的態度面對人生



Junior VALUES Education Programmes

環保主保 - 聖方濟

聖方濟視大自然為弟兄姊妹，是一家人，彼此都是天主的創造，是一個有情有愛的關係，同時他也認為大自然反映天主的美善。

聖方濟尊敬和酷愛大自然，他帶領我們用心靈的眼睛看大自然，大自然不只是功利價值的存在，在道德品性上更能讓人學習和效法。他是以心靈來體會大自然，從大自然的美中支取生命的力量，以神愛的胸懷來關愛大自然，以靈性的角度來欣賞大自然，是向天主的禱告。

天主教的生態靈性不是叫人與自然合一，而是在天地萬物當中體會天主的真實，在人與自然之上，有一位崇高的創造主。這樣以神為中心的世界觀中平等地看待自然，發現人與自然為一家，重新建立與大自然的關係。這個關係使人對自然多一份的尊重、欣賞和愛，不單是感官的享受和喜好，更在心靈上與大自然一同讚美天主。

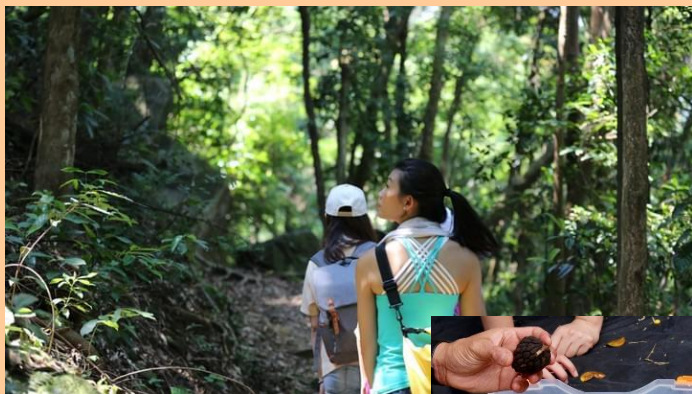


Junior VALUES Education Programmes



Junior **VALUES** Education Programmes

相信大自然有療癒力，透過不同設計的大自然遊戲及六感體驗活動，讓同學洗滌疲憊與煩惱，**連結人與大自然、人與人，及人與自己的關係。**



Part 1: 活動重點：

大自然探索、**個人反思**、團隊建立、**重塑自己與父母**(家庭成員)**的關係。**

認識千奇百趣的動植物朋友，從大自然中學**懂尊重生命。**

在放鬆身心同時，**學習及實踐減壓技巧**，與大自然的連結，從大自然中讓同學**反思內在個人需要**，愉快成長，並認識大自然生態。

Junior VALUES Education Programmes

自然家庭樂

在導師的領導下，一個個家庭走進樹林，跟著**同學們安排好的行程**，如尋找泥土上、樹木旁的生物，深入充滿生命力的泥灘，細數海星、海螺、小蟹的足跡。**爸媽們跟著孩子的步伐**，放下「快、狠、準」的生活節奏，以「慢、靜、欣賞」的態度去**感受**大自然，一同學習簡易生態觀察技巧。

Part 2: 活動重點：

透過**親子合作**從遊戲中探索大自然，透過遊戲，加強**家庭凝聚力**，促進**家庭溝通技巧**，建立更強連結，還找回**與家人相處的和諧和默契**。

透過有趣的親子活動，加強家庭成員之間的連結，一同創造**難忘深刻的家庭回憶**。

讓孩子成長，先要讓她們**懂得照顧父母及為家人服務**。



20th Century Learning

- Limited access to K & I
- Facts & information are “spoon-fed” to students
- Emphasis on learning content knowledge
- Goal is to master content knowledge
- Classroom-limited learning & dissemination
- Textbook learning from one source, primarily print
- Conceptual learning on individual basis
- Paper-pencil, high-stake tests on facts and content knowledge

21st Century Learning

- Infinite access to K & I
- Teachers use discovery, inquiry-based approach
- ★ **Emphasis on process skills for lifelong learning**
- ★ **Goal is to learn skills to solve problems**
- World-wide Learning & dissemination
- ★ **Real-world, real-time learning (various sources)**
- Project-based learning on team basis
- Various forms of assessments high-stake tests to portfolio

Learning to Learn 2+ — The Hong Kong School Curriculum

A broad and balanced curriculum with diversification and specialisations (choices) for academic, professional and vocational development according to students' needs

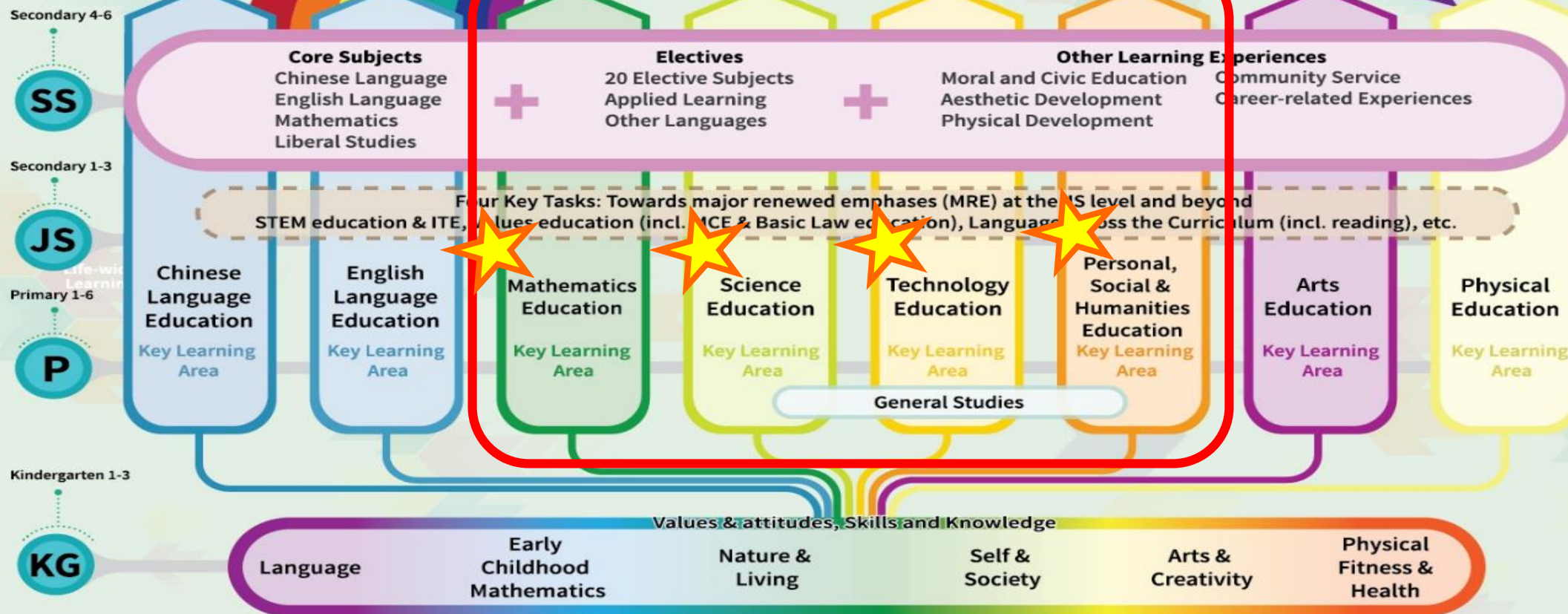
Nurturing
lifelong & self-directed
learning capabilities

Fostering
whole-person development

SEVEN LEARNING GOALS

FIVE ESSENTIAL LEARNING EXPERIENCES

Moral and Civic Education Intellectual Development Community Service Physical and Aesthetic Development Career-related Experiences



Values & attitudes Seven priority values

- Perseverance
- Respect for Others
- Responsibility
- National Identity
- Commitment
- Integrity
- Care for Others

Generic skills

- Basic Skills**
- Communication Skills
 - Mathematical Skills
 - IT Skills
- Thinking Skills**
- Critical Thinking Skills
 - Creativity
 - Problem Solving Skills
- Personal & Social Skills**
- Self-management Skills
 - Self-learning Skills
 - Collaboration Skills



St. Clare's Girls' School

STEM Education in SCGS

Aims:

- enabling students to develop the **knowledge, skills, positive values** and **attitudes** as well as **qualities essential** for the 21st century and beyond
- develop **students' capacity** to apply knowledge and skills acquired in **different STEM-related subjects** in an **integrated** and **creative manner** to solve daily problems



Artificial Intelligent



The future belongs to you.

Take care of it today. Tackle the clean water, poverty or inequality issues millions of people are facing. Smile, you have AI by your side.

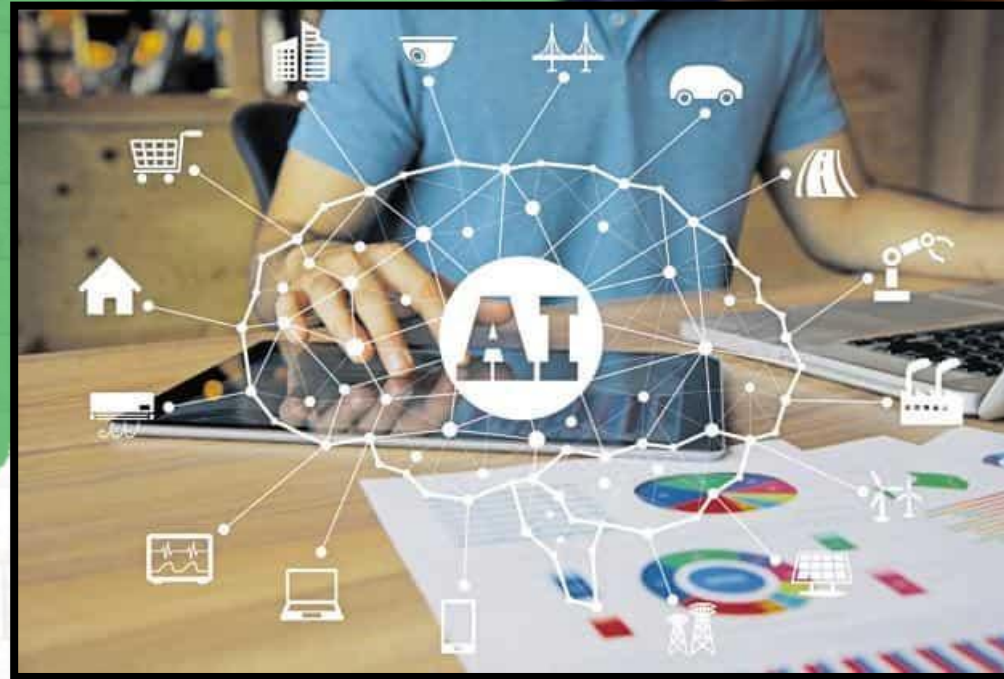


St. Clare's Girls' School

Learning A.I. elements

Modules:

- Introduction to AI
- AI Applications in Real Life
- Machine Learning Classification
- AI for Good





St. Clare's Girls' School

Key Elements:

- **Classify Images with Custom Vision**
- **Face & Emotion Detection, Custom Vision**
- **Deep learning & Neural Networks**
- **Data Science Literacy**
- **Make Predictions from Complex Data with Neural Networks**

Learning A.I. elements






St. Clare's Girls' School



Summary and Consolidation

- 
1. **DEEPER** in meaning
 2. **WIDER** in range
 3. **HIGHER** in quality

The Way Forward (Background)

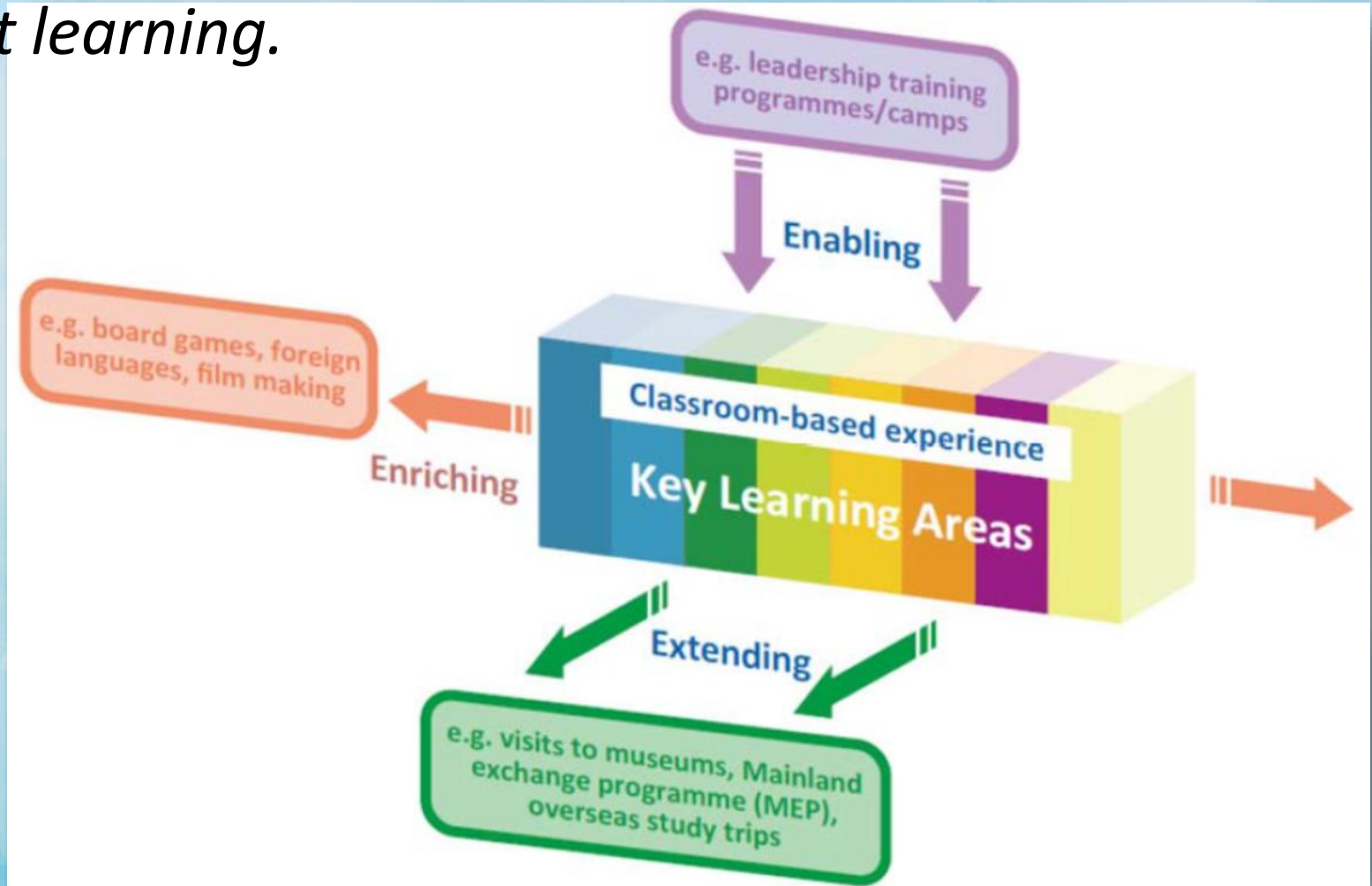
Secondary Education Curriculum Guide 2017

Booklet 7 Life-wide Learning and Experiential Learning

- *LWL refers to **student learning in real contexts** and authentic settings to achieve targets that are more difficult to attain through classroom learning.*
- *In the process of experiential learning, students **have the opportunity to make meaning of their own direct, first-hand experiences**. Along with quality self-reflection, the knowledge constructed, the skills acquired and the positive values and attitudes developed through LWL can be transferred to accomplish tasks and solve problems in new contexts.*
- *This is genuine learning which helps students achieve the aims of **whole-person development** and enables them to **develop the lifelong learning capabilities** that are needed in our ever-changing society.*

The Way Forward (Background)

- *LWL can be closely linked with the curricula across different KLAs and performs the functions of “**extending**”, “**enriching**” and “**enabling**” student learning.*



The Way Forward (Background)

- **Extending:** LWL opportunities **linked with different KLAs** can help students deepen their understanding of a certain learning area in terms of knowledge, skills and attitudes. Enable them to **gain first-hand experience** and understanding of our country's development and **enrich their subject knowledge** from multiple perspectives
- **Enriching:** Associated knowledge and life experiences in LWL activities not only help develop students' potential but also **broaden their horizons**.
- **Enabling:** LWL experiences help nurture **students' generic skills** as well as **life skills**, which in turn facilitate their classroom learning and whole-person development.

The Way Forward (Background)

- At the SS level, **LWL supports student learning in core and elective subjects as well as nurtures their whole-person development** and positive values, and are carried out through various learning experiences organized by schools through OLE.
- These learning experiences, combined with quality reflection, are essential for fostering students' lifelong learning capability for whole-person development, especially in preparing them for **transition to post-secondary education and employment.**



St. Clare's Girls' School

The Way Forward



LWL planning, design and strategy

The Way Forward (LWL planning, design and strategy)

- Integration of Whole Person Development & Life-wide Learning
- Design: **Block out** one **afternoon session** (regularly) for providing outside school learning experience activities (experiential learning) to students
- Advantages:
 1. **Better Use** of Community Resources
 2. **Create space** for students' balanced development
 3. Cultivate **in-depth** and **high-level quality reflection**
 4. **Enrich the content** of the experiential learning

SCHOOL TIMETABLE



MONDAY



TUESDAY



WEDNESDAY



THURSDAY



FRIDAY



SATURDAY



SUNDAY

Afternoon session
**providing
outside
school
learning
experience
activities**

For any enquiries

LWL Planning, Implementation, Monitoring and Evaluation

School: St. Clare's Girls' School

Teacher: Mr. T.C. Ma

Tel: 2817 1764

Email address: mtc@stclare.hk

Activities Resources

- **Adventure-based Leadership Training Program**

Coach: Mr. William Tsang

Tel: 9336 4988 or Email address: csf.william@gmail.com

- **Natural Bathing Activities**

Social Enterprise: 遊沐

Email address: naturebathing@gmail.com

- **STEM (Artificial Intelligence)**

Microsoft HK Future Ready Skills Leader: Leslie Leung

Email address: v-leleun@microsoft.com