### D. S.T.E.M. 科學、科技、工程及數學: Montessori

The Montessori Method is a child-initiated approach where children direct their own learning in a supportive and thoughtfully designed environment. The below courses focus on its curriculum strengths with an emphasis in math, practical life skills and independence, allowing each child to learn in their own unique way and explore at their own pace.

# Montessori Course 蒙特梭利探索班 | PN to K1

PRACTICAL LIFE - INDEPENDENCE - LANGUAGE - SENSORIAL & FINE MOTOR - LOGIC

- Build foundation for young children to develop order, co-ordination, concentration and independence
- Enjoy the freedom of learning within limits, working with bound out by the teacher
- Become active seekers of knowledge as teachers provide the r environment to ask questions, investigate deeply and to make con



## Montessori Math Course 蒙特梭利數學班 | K2 to K3

NUMBERS - DECIMALS - ADD & SUBTRACT - LINEAR COUNTING FRACTIONS

- Math concepts begin concretely and develop towards the abstract as skills progressively become more complex
- Children advance at their own pace with the support of comprehensive materials designed at precisely the right challenge level, enabling each student to demonstrate development to the teacher
- Montessori materials are designed to be intuitive, appropriate and user-friendly, promoting young children's interest in math





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STEAM Park builds on every child's natural curiosity and desire to create, explore, and investigate the world of early science, technology, engineering, art, and math (STEAM) through creative play.

The possibilities are endless, as you work with them to construct a STEAM Park full of dynamic moving rides, fun games, and scenes using the special selection of LEGO® DUPLO® bricks. With every trip to STEAM Park, children grow their understanding of gears, motion, measurement, and solving problems together in a fun and engaging way.

Level: K1-K3







# Express 編程小火車

Inspire early learners to explore early coding concepts such as sequencing, looping and conditional coding, while developing problem solving skills, critical thinking, collaboration, social and emotional skills.

Level: K1-K3

#### Additional Features

- Sequencing
- Looping
- Conditional coding Express ideas with digital elements
- Language & Literacy
- Collaboration
- Problem solving
- Critical thinking







# Tech 百變工程套裝 Machines Set

Transform your children into expert builders! With the Tech Machines Set in your classroom, you'll help children develop their fine motor and problem-solving skills while simultaneously unleashing their creativity as they construct classic machines.

Level: K2-P2

### Additional Features

- Application skill
- Problem solving
- Engineering





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