

# Preface

To support the implementation of the Enriched Technology Education Key Learning Area Curriculum (Enriched Curriculum) at junior secondary level, the Technology Education Section of Curriculum Development Institute, Education Bureau, has developed a set of learning and teaching resource materials covering technological subjects learning element modules for teachers' reference and use.

The purpose of providing this set of teaching resource materials is to enable teachers to adopt the related technological subjects learning element modules under the Enriched Curriculum for students to acquire thorough understanding and mastery of the three key aspects in Technology Education Key Learning Area, viz. the technological understanding, technological capability and technological awareness, using a flexible approach with reference to the suggested learning progress.

The content of this learning and teaching resources was compiled with project approach. It gives students a purposeful and meaningful learning context through a series of diversified activities such as design projects, case studies, technological exploration and simulation experiments, and thus arouses their interest in technology and devotion in learning, as well as nurtures their ability in problem-solving, realisation, innovation and spirit of entrepreneurship.

*For comments and suggestions related to this set of learning and teaching resources, please send to:*

Chief Curriculum Development Officer  
(Technology Education)  
Technology Education Section  
Curriculum Development Institute  
Education Bureau  
Room W101, West Block, 19 Suffolk Road  
Kowloon Tong  
Hong Kong

*Compilation and Authoring:*

Mr. LAU Kwok-kuen  
Retired Design and Technology Panel Head

*Chinese to English Translation and Typesetting:*



Member of VTC Group  
VTC 機構成員

Vocational Training Council

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