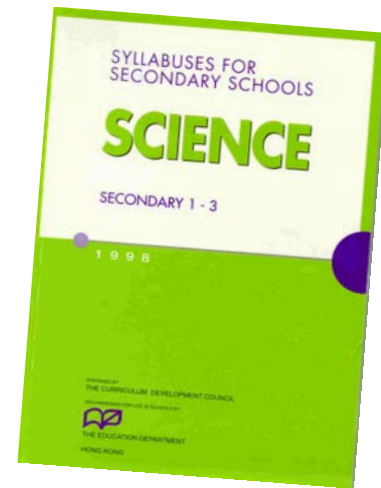


Science (S1-3)

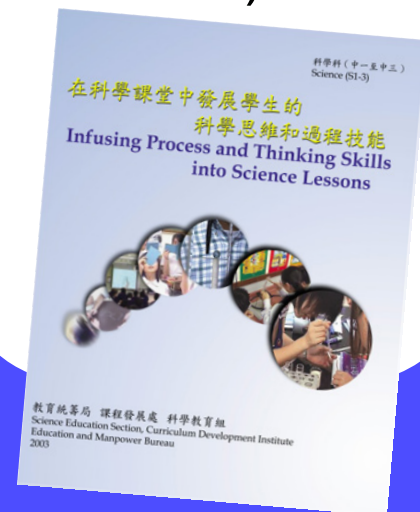
- for all junior secondary students
- with **core and extension** parts to cater for learner diversity (students of diverse interests, learning styles and abilities)
- the need for strengthening school-based curriculum development in S1-3



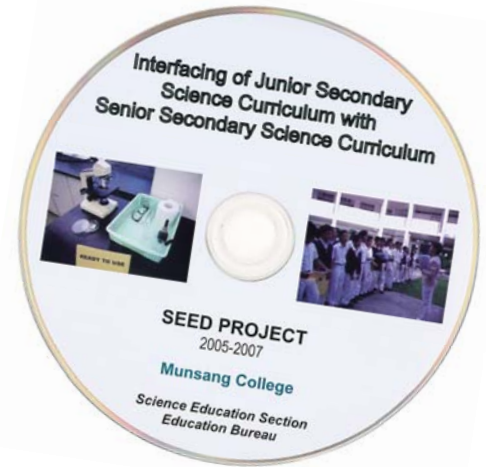
A holistic & coherent school-based science curriculum planning



- Values and attitudes
- Creativity, critical thinking, communication and problem solving (3C & 1P)
- Scientific investigative skills
- Knowledge & understanding (including Nature of Science)
- Smooth transition at the interface between junior and senior secondary levels

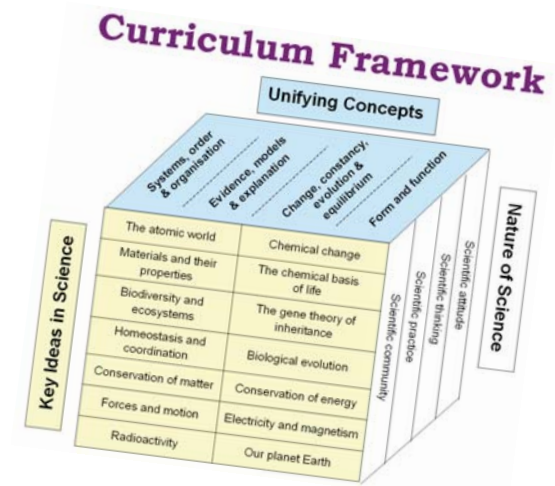


Seed Project – “Interfacing of Junior Secondary Science Curriculum with Senior Secondary Science Curriculum”



- Curriculum plans for different stages
- Learning and teaching strategies helping nurture creativity, critical thinking, communication and problem-solving skills of students
- Learning activities focusing on developing scientific investigative skills
- Assessment tasks for investigative practical assessment

Integrated Science (S4-6)



- A subject catering for students' diverse interests
- Interdisciplinary nature
- Relevant and coherent learning experience in B/C/P
- Contributing to a board and balanced curriculum



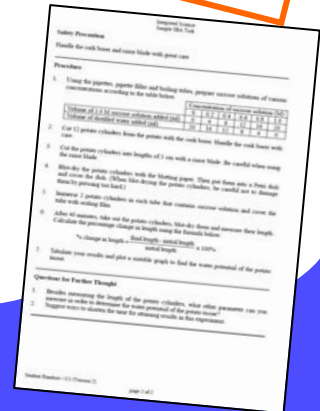
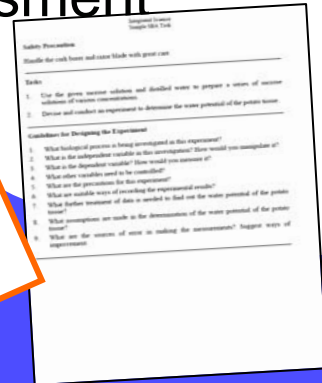
Some good practices on Integrated Science (S4-6)

- Clear learning and teaching objectives and consolidation of learning points for each lesson
- Relevance of learning points to daily life to arouse students' interest
- Setting reasonable expectations of students
- Cooperative learning in performing practical tasks
- Differentiated guidelines for practical assessment



More guidelines

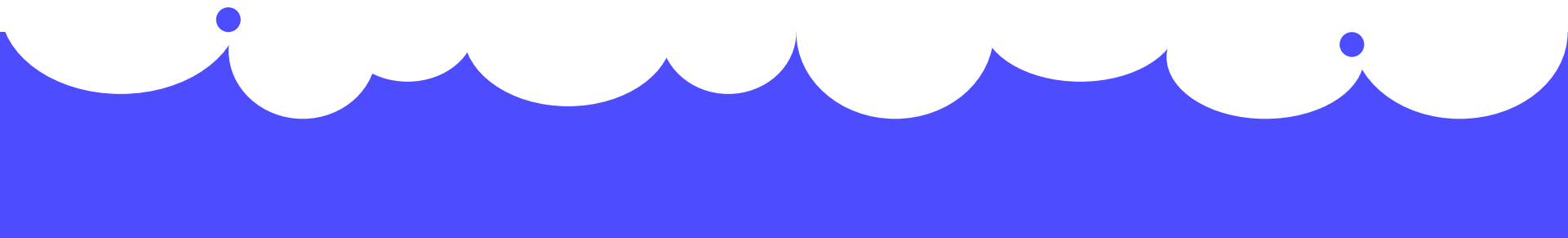
Less guidelines



Collaboration among Integrated Science teachers at school-based level



- Support among teachers of different expertise
- Collaboration in curriculum planning, lesson preparation & co-teaching / lesson observation
- Flexible staff deployment



Support measures to teachers of Science Education KLA

- Identification and dissemination of good practices through
 - focus group / sharing network
 - PDP
 - Edblog
 - school visits
- Development of resources to support learning and teaching of the curriculum
- Provision of a platform (Edblog) for teachers to exchange teaching ideas and resources





Thank you!

