

Math Inquiry — Elementary & Secondary

What **SITUATIONAL PROBLEM** will be explored?

What **BROAD AREAS OF LEARNING** will be addressed?

- Health and Well-being
- Personal and Career Planning
- Environmental Awareness & Consumer Rights/Responsibilities
- Media Literacy
- Citizenship & Community Life

Daily 5^{Quebec} Organizational Framework

Which of these teaching/learning contexts will best support learners' development in a given area, at a given stage?

Full-Group Instruction (Focus Lessons)

Introduction of new content, concepts, and strategies

Modeling of new concepts and strategies

Teacher-supported (shared and interactive) play with new content, concepts, and strategies

Small-Group and Individual Instruction

Instruction tailored to particular needs/interests of learners

Reinforcement of concepts and strategies (guided practice)

Opportunities to confer/connect with each learner

Independent Learning (D5 Choices)

Independent practice/play with familiar concepts and strategies

Work with Numbers
Solve Problems
Explore Geometry & Measurement
Work with Data
Work with Math Language

Mathematics Competencies

(Uses math concepts and processes to reason, and mathematical language to communicate)

Cross-Curricular Competencies

(Intellectual, Personal/Social, Methodological, Communication-related)

Links to
Balanced
Mathematics

Modeled, Shared, & Interactive
Mathematics

Guided
Mathematics
(Conference Table)

Independent
Mathematics

Gradual Release of Responsibility