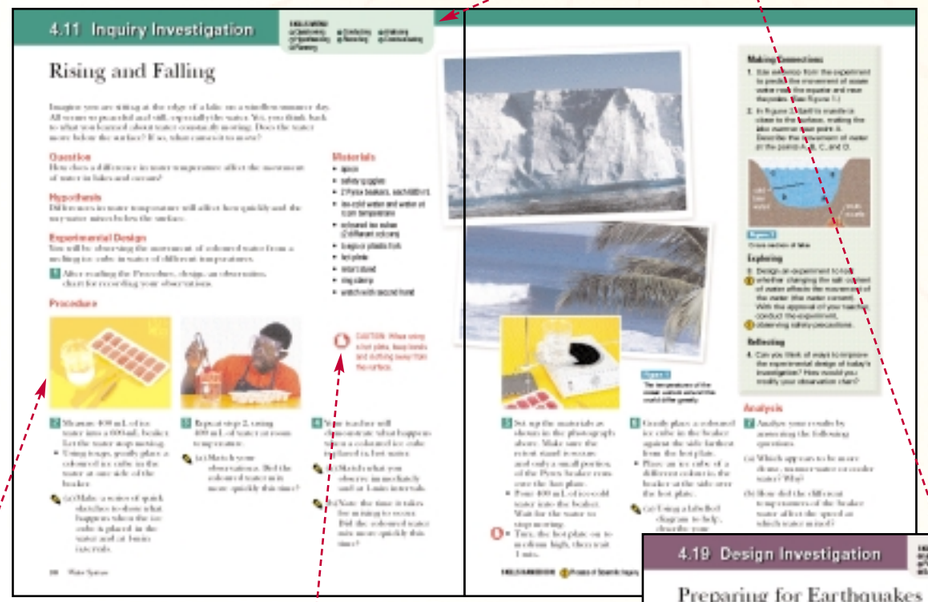
Inquiry Investigation (directed)

Each unit provides for several "directed" investigations that engage students in observing and experimenting. These investigations provide students with opportunities to develop skills of inquiry.

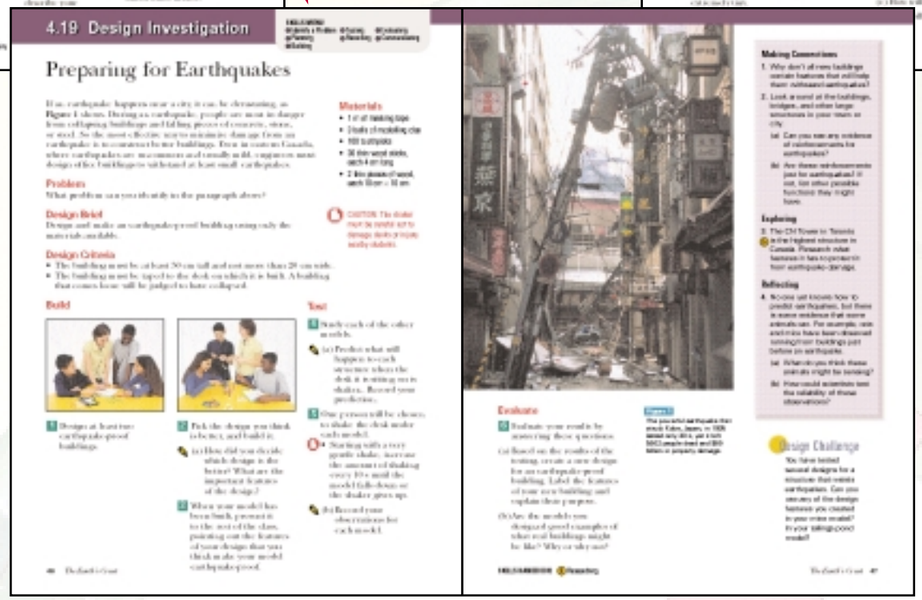
Inquiry Skill Development: Questioning, Hypothesizing, Planning, Conducting, Recording, Analyzing, and Communicating.

Skills Menu
Indicates which inquiry or design skills students will develop in the investigation.



Procedural Photographs
Each major step within the procedure is supported by a photograph where appropriate.

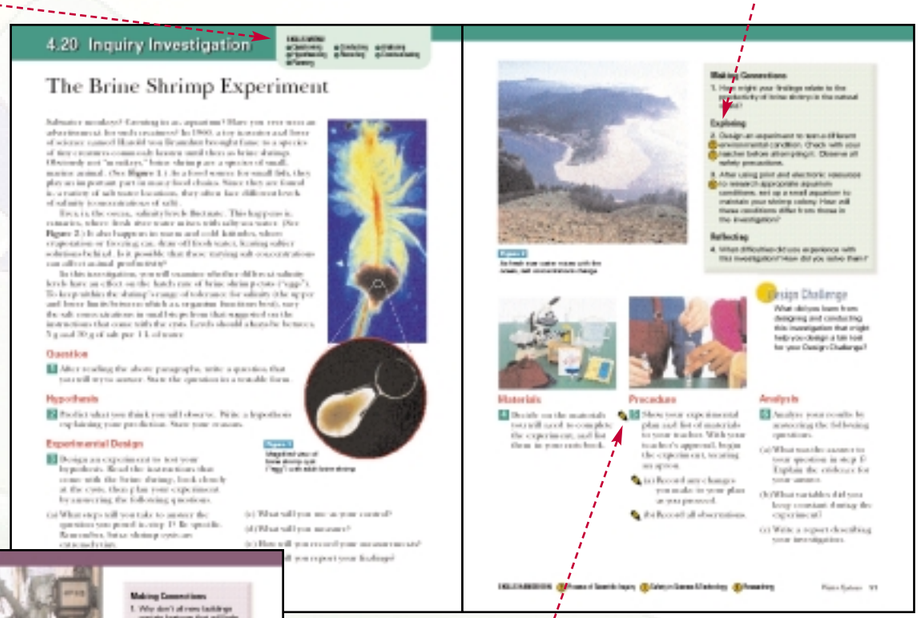
Safety Precaution
Safety precautions for students are included where appropriate along with visual cues or WHMIS symbols to reinforce safety procedures when conducting an investigation.



Inquiry Investigation (open-ended)

Each unit provides opportunities for at least one "open-ended" investigation which requires students to plan and conduct their own inquiry. Students form hypotheses, create procedures, or even choose their own questions to investigate.

Exploring
Exploring questions encourage students to extend their learning.



Observation Questions
Pencil icon indicates for students when they will be recording information and observations.

Design Investigation

Design Investigations appear in various units and provide opportunities for students to identify a design problem and build solutions.

Design Skill Development: Identifying the Problem, Planning, Building, Testing, Recording, Evaluating, and Communicating.