MathNow

Grades One to Three

Math Now is a balanced program designed to support all students in becoming mathematically literate.

Math Now explorations contain many rich learning and assessment tasks that all have several ***Mathematical Process Expectations*** embedded in them.

Math Now illustrates and encourages utilizing a variety of ***learning styles,*** reflecting all eight of Gardner's intelligences.

Differentiated Learning suggestions appear in boxes on the sidebars of the Teacher's Guide throughout the lessons and alongside most assessment opportunities.

Math Now provides ample opportunities for learners to develop the skills needed to become successful in using ***mental math strategies*** for making quick ***estimates*** and judging the reasonableness of results.

Math Now offers a range of environments and situations to support student learning and teacher training/instruction, including:

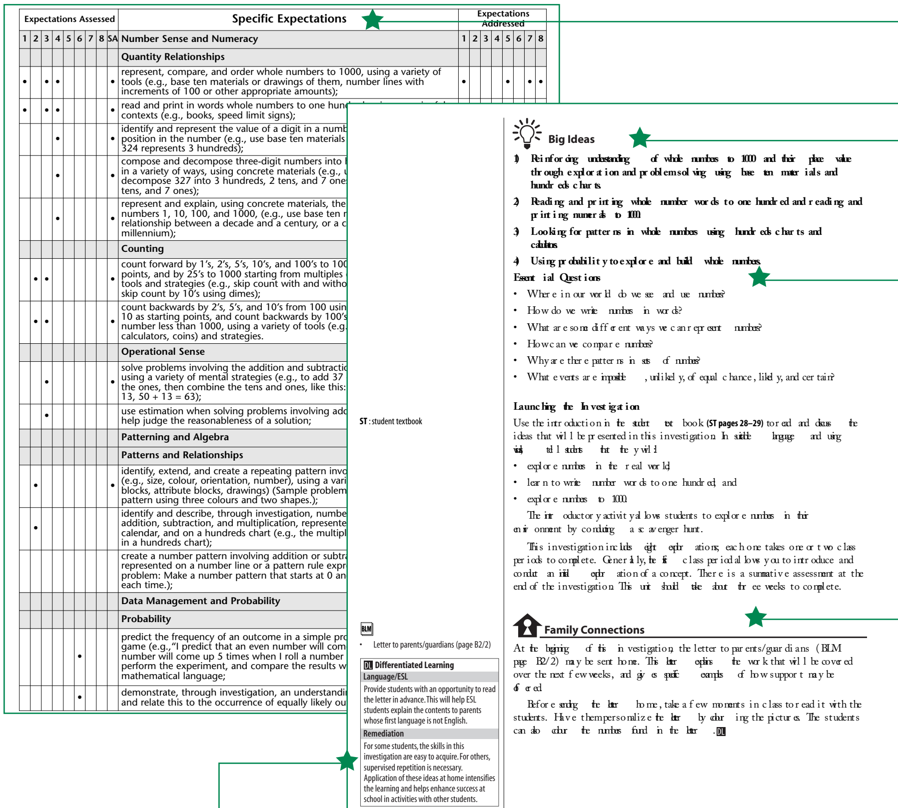
- conceptual understanding combined with procedural fluency;
- strong support in Teacher's Guide for ongoing assessment to evaluate students' achievement and to match reporting needs;
- problem solving progressively introduced, reinforced and consolidated;
- use of manipulatives and real-world contexts; and
- learning mathematical concepts reinforced through practice.

Math Now supports the Ontario Curriculum Grades 1-8: Mathematics, 2005 revised

Math Now .... *100% curriculum-based ❖ Easy-to-use*

An example of a Grade 3 investigation — Numbers, Numbers Everywhere

(Teacher's Guide)



Math Curriculum — Cross references, by explorations to all expectations covered and assessed

Big Ideas — Provide a central theme for an investigation where various strands interrelate

Essential Questions — Foster inquiry, understanding, and transfer of learning

Family Connections — Provide families with information about what is happening in the math classroom and provide ways for families to participate. Letter to parents/guardians and family game ideas found in BLM

Introduction — Provides background information of math concepts

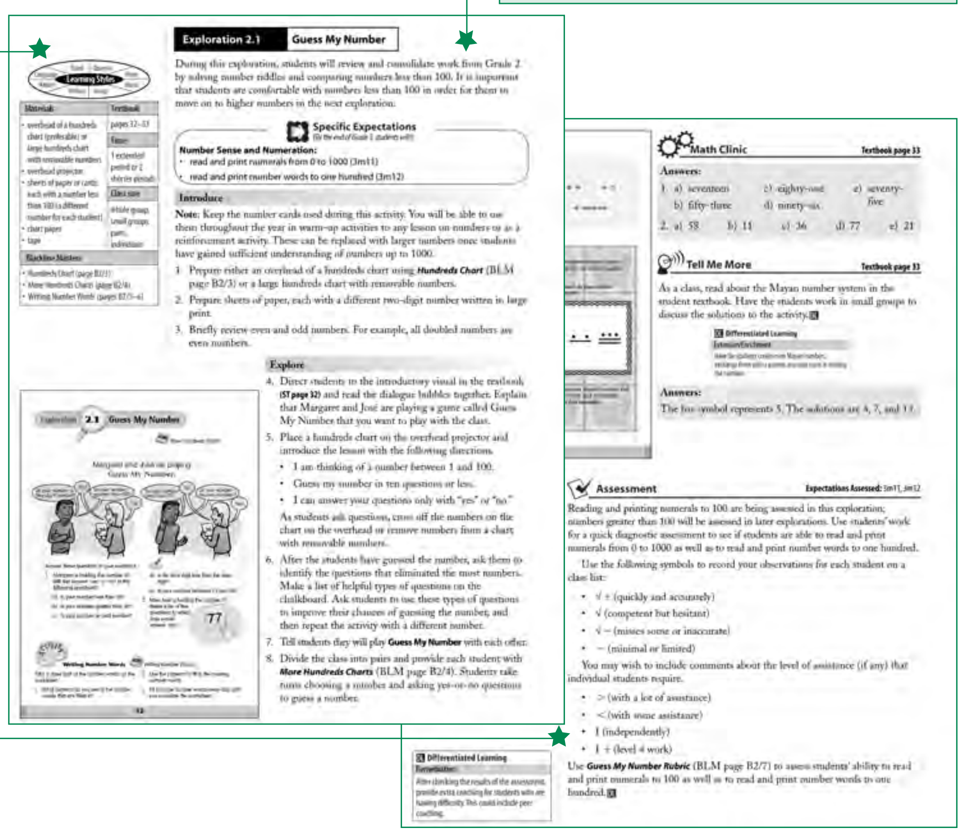
Differentiated Learning — Provides information for adapting the activity for students with specific learning differences

Listings on Sidebar — Learning Styles, Materials list, time required and group size, all cross referenced to Math Now components

Math Clinic — Reinforces math concepts through relevant practice

Tell Me More — Provides historical facts, interesting stories, and tidbits of math; introduces careers and famous mathematicians

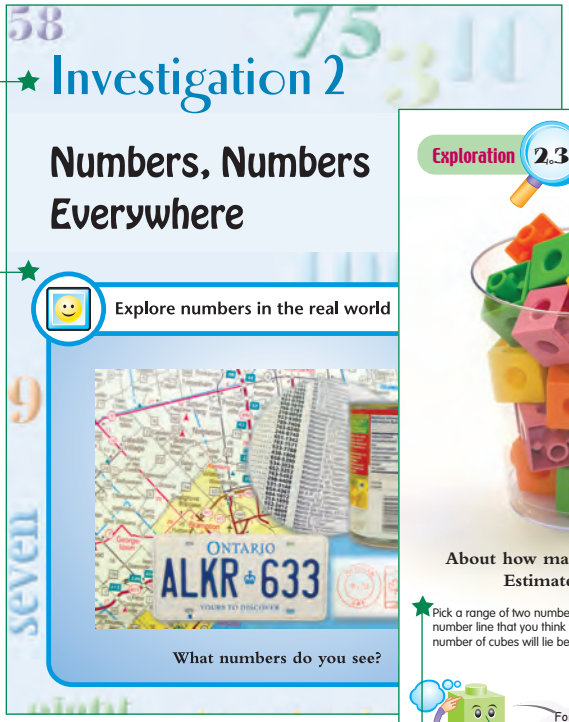
Assessment and Answers — Wide range of assessment tools and rubrics provided in Teacher's Guide and BLM with solutions



An example of a Grade 3 investigation — Numbers, Numbers Everywhere

(Student Textbook)

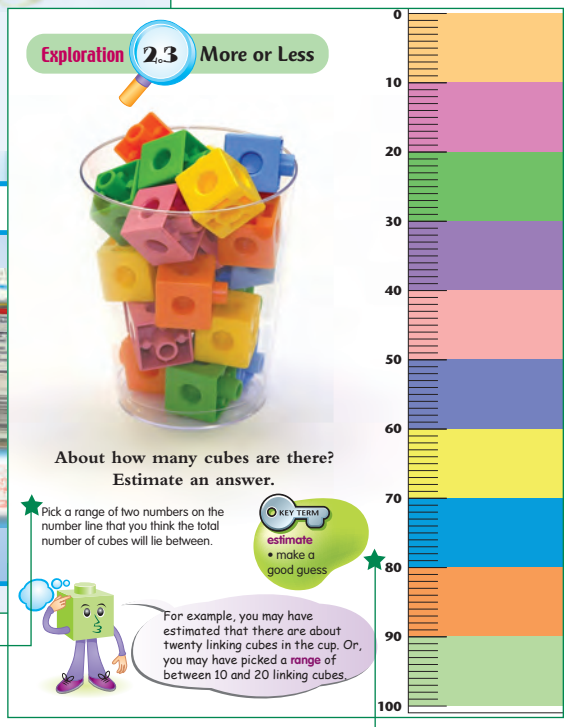
The Student Textbook consists of 10 Investigations, each with 8-10 Explorations, such that each Investigation covers 3-4 weeks of lessons.



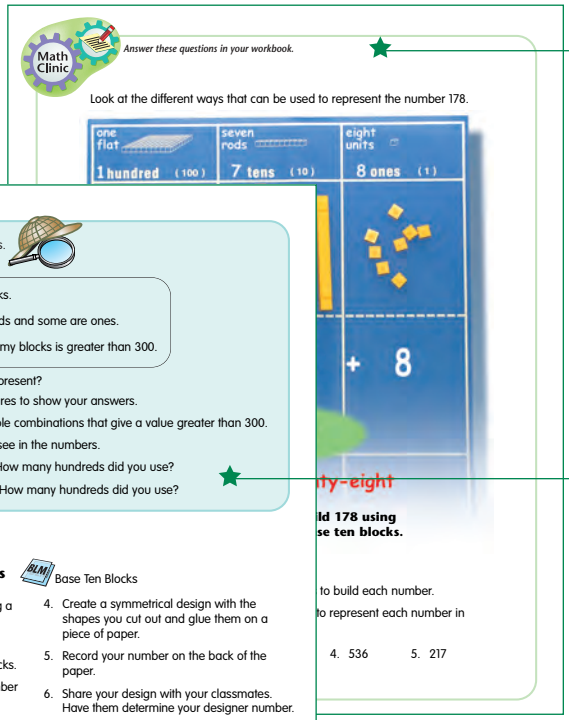
Big Ideas — Each investigation is introduced through the discussion of several Big Ideas and augmented with individual explorations

Activity — Hands-on, relevant

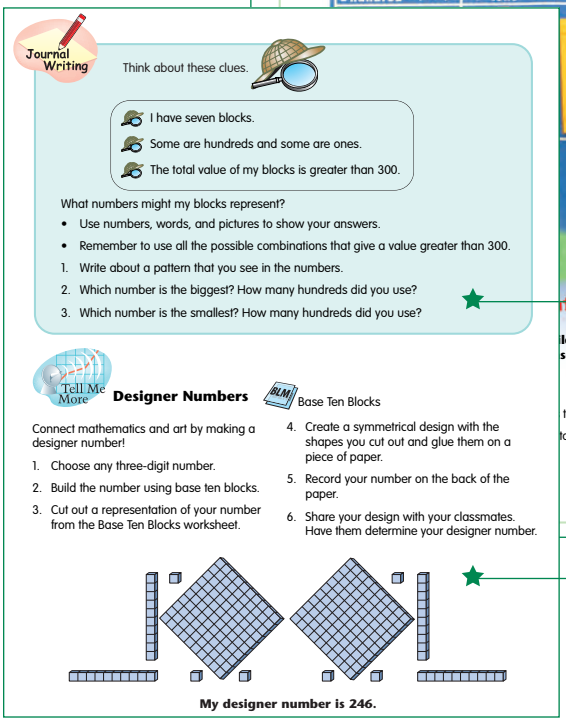
Estimation — Learning opportunities using estimation and/or mental math



Key Terms — Introduce mathematical terms with grade-relevant definition



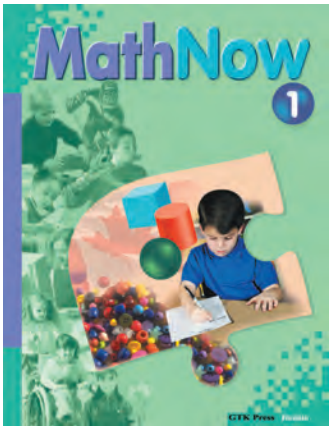
Math Clinic — Reinforces the concepts explored in the classroom, reviews knowledge and skills learned from previous grades or previous investigations, and/or further extends the concepts and skills.



Journal Writing — Helps students reflect on their learning and to explain how they calculated an answer or solved a problem.

Tell Me More — Helps students connect their math learning with the real world. These include the history of math, interesting tidbits about math, famous mathematicians, the use of math in other cultures, and math connections to other subject areas.

the Trillium List
Recommended Resource



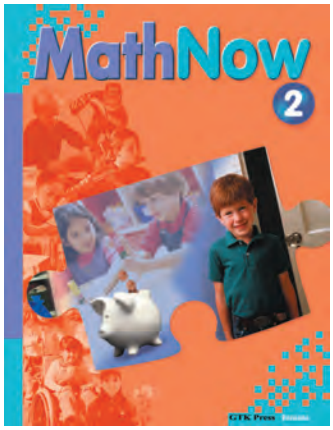
Math Now Grade 1

Student Textbook
(ISBN 978-1-55317-101-0)

Workbook
(ISBN 978-1-55317-102-7)

Teacher's Guide
(ISBN 978-1-55317-103-4)

Workbook (reproducible)
(ISBN 978-1-55317-143-0)



Math Now Grade 2

Student Textbook
(ISBN 978-1-55317-107-2)

Workbook
(ISBN 978-1-55317-108-9)

Teacher's Guide
(ISBN 978-1-55317-109-6)

Workbook (reproducible)
(ISBN 978-1-55317-144-7)

Math Now Grade 3

Student Textbook
(ISBN 978-1-55317-113-3)

Workbook
(ISBN 978-1-55317-115-7)

Teacher's Guide
(ISBN 978-1-55317-114-0)

Workbook (reproducible)
(ISBN 978-1-55317-145-4)

Other GTK Press Publications

- ***Wings of Discovery***, Early Years (infant to 5) Program and Kindergarten Resource
- ***Moving In Time and Space*** Grade 1 (Integrated Resources)
- ***Science and Technology Activities Resource*** Grades 1 – 8 (also available in French)

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