

Raven Math FAQs

- **Do the Raven Math books follow the provincial IRP?**

Yes, each book is tailored to match the WNCP mathematics curriculum followed in BC, Alberta, Saskatchewan and Manitoba.

- **How do Raven Math books present the instructional material?**

The key learning objectives are presented in individual sections that include

- a. A clear, concise explanation of the key principle
- b. Examples with step-by-step solutions
- c. Exercises (with answers) that reinforce the key principle

- **Do the Raven Math books have practice problems?**

Yes, lots of them. Each chapter in a Raven Math book includes

- a. Exercises reviewing the key learning objective of the chapter
- b. Extra practice problems
- c. A chapter test to measure the students' progress

- **Are Raven Math books aimed at high achievers? Low achievers?**

The authors believe that all students who apply themselves can grasp the basic mathematical principles as presented in the Raven Math books. Accordingly, Raven Math books appeal to students of all levels. Each section contains examples of the basic principle accompanied by a series of exercise questions of varying difficulty.

- **Who are the authors of Raven Math books?**

Alan Taylor and Bill Kokoskin are veteran educators who are applying the lessons they've learned in the classroom to a series of student-focussed books intended to aid in the teaching and understanding of the key mathematical principles set out in the WNCP curriculum.

- **What are the main differences between the 'regular' version and the 'distributed (distance)' learning programs?**

Both programs include the following attributes:

- a. clear descriptions of the key concepts in each course
- b. numerous examples with step-by-step solutions
- c. many practice exercises to reinforce understanding and application
- d. chapter tests and review exercises with a range of difficulty levels
- e. all answers at the back of each book

- f. authored by experienced teachers of mathematics
- g. directly linked to the provincial mathematics curriculum
- h. attractively bound and formatted for clarity and ease of access

The Distance (Distributed) Learning Program also includes the following:

- a. the Math 6 and 7 books, each of Terms 1 to 3 contain 50 lessons for a total of 150 lessons for each grade) and contain pre-tests, detailed lessons, student exercises and hand-in assignments.
- b. Math 8 to 10 books include clear descriptions of key content areas, many step-by-step examples, practice exercises and student hand-in assignments

Each grade level is supported with a teacher manual that includes answers to hand in assignments, extra practice exercises, and student tests

- **What format are the Raven Math books?**

The books are 8.5" x 11" softcovers with coil bindings that allow the open book to lie flat.

- **How are the Distributed Learning titles different than the other "school" editions?**

The core content of the books is identical. The Distributed Learning editions, however, have exercises printed on an ivory stock with perforations allowing them to be easily removed and handed in. The Distributed Learning editions are also supported with Teacher's Manuals, which include answers to the various assignments, practice exercises and student tests.

- **Will Raven have a Grade 11 Pre-Calculus book available for the implementation of the new curriculum in September 2011?**

Raven Pre-Calculus 11 will be published in May 2011. Separate editions for Alberta, British Columbia, Saskatchewan and Manitoba will be available.

- **Will Raven publish Saskatchewan editions?**

Raven will be publishing Saskatchewan editions in May 2011.

- **What is “Core” Math?**

Raven’s Core (Modified) Grade 8 and **Raven’s Core (Modified) Math 9** are each designed for two purposes:

- (i) To provide students who may need additional background help with resources that clearly describe key topics in each of the Math 8 and 9 courses

AND

- (ii) To provide adult learners who are taking upgrading math courses at night school or by correspondence with resources for Mathematics Foundations Literacy Levels 5 and 6

These materials are directly linked to the provincial mathematics curriculum and are designed by experienced teachers of mathematics to provide students with greater success in their respective mathematics courses. They include the following features:

- Clear Descriptions of the Key Concepts in each Course
- Numerous Examples with Step-by-Step Solutions
- Numerous Practice Exercises to Reinforce Understanding and Application
- List answers to all exercises at the Back of Each Book
- Produced by Experienced Teachers of Mathematics
- Directly Linked to the provincial Mathematics Curriculum
- Attractively Bound and Formatted for Clarity and Ease of Access
- Cumulative exercises located at the back of each book that can be used either as extra practice for students enrolled in regular programs or as Hand-in Exercises for students in Correspondence education courses