

C·o·m·p·u·l·s·o·r·y C·o·u·r·s·e·s



GEOGRAPHY

Academic Geography, Grade 9 (CGC1D)

If you take this course you can anticipate:

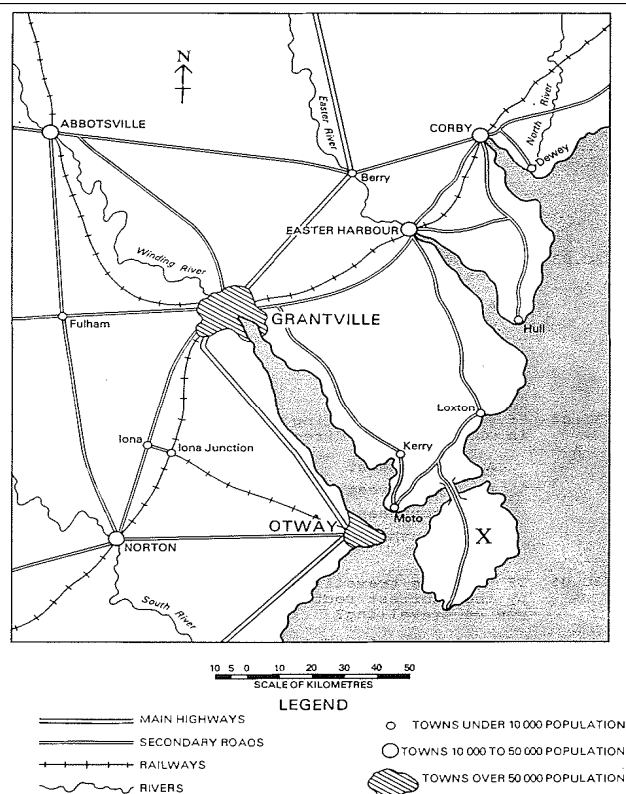
- abstract geography concepts will be emphasized;
- one or more major projects;
- well-developed writing assignments;
- applying math knowledge and skills with minimal instruction;
- independently reading the textbook and other texts.

Applied Geography, Grade 9 (CGC1P)

If you take this course you can anticipate:

- concrete geography concepts will be emphasized;
- at least one major project;
- a variety of writing activities;
- learning to apply math knowledge and skills to geography;
- a variety of reading activities and texts.

Try the questions based on the map below:



- The largest town in the area covered by this map is:
(a) Easter (b) Grantville (c) Abbotsville (d) Norton Harbour
- The distance by road from Norton to Otway is approximately:
(a) 3 km (b) 8 km (c) 30 km (d) 75 km
- If you were traveling by road from Iona to Berry, in which general direction would you be traveling?
(a) northeast (b) northwest (c) southeast (d) southwest
- In order to get from Berry to Easter Harbour by the shortest road route, it would be necessary to pass through:
(a) Corby (b) Grantville (c) either Corby or Grantville (d) neither Corby nor Grantville
- A person leaving Grantville by car finds himself driving directly into the setting sun. He is driving towards:
(a) Corby (b) Berry (c) Fulham (d) Otway

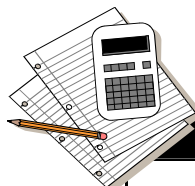
How did you do?

(Answers are on the back page.)

If you found these questions difficult and/or challenging, **applied** Geography may be an appropriate choice.⁺

If you found these questions fairly straightforward and/or easy, **academic** Geography may be an appropriate choice.⁺

⁺ Also take into consideration your achievement in Grades 7 and 8, your learning preferences, and your post-secondary plans.



MATHEMATICS

Academic Mathematics, Grade 9 (MPM1D)

If you take this course you can anticipate:

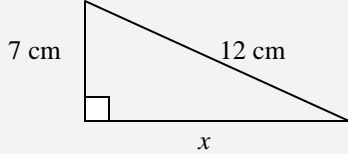
- learning abstract math concepts as well as some concrete applications;
- learning through a variety of methods, including pencil & paper problem-solving;
- using technology with minimal instruction;
- regular homework.

Applied Mathematics, Grade 9 (MFM1P)

If you take this course you can anticipate:

- learning practical applications of math concepts as well as some abstract concepts;
- learning through a variety of methods, including hands-on activities and pencil & paper problem-solving;
- learning to use technology;
- homework.

Considering academic math? Try the following questions:

- When evaluated for $x = -4$, $y = -1$, the expression $x^2 + y - 4$ equals
(a) +11 (b) +13 (c) -19 (d) -11
- Find the measure of x , accurate to 1 decimal place.


(a) 13.9 cm (b) 10.2 cm (c) 9.7 cm (d) 2.2 cm
- An eBay seller has struck a deal to sell old comic books for \$1.75 each plus \$12.50 for shipping. If the deal costs the buyer \$35.25, how many comic books were purchased?
(a) 13 (b) 14 (c) 15 (d) 16
- A Grade 9 student spends $\frac{1}{4}$ of each day in classes at school, $\frac{1}{12}$ of the day doing extra-curricular activities, and $\frac{1}{3}$ of the day sleeping. What fraction of each day does this student have left?
(a) $\frac{1}{12}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{2}{3}$
- Isabel wants to buy a pair of shoes that cost \$75.00. The shoes are on sale for 25% off. Considering that taxes total 15%, how much will Isabel pay?
(a) \$45.00 (b) \$67.50 (c) \$57.50 (d) \$64.69

How did you do?

(Answers are on the back page.)

If you found these questions difficult and/or challenging, **applied Math** may be an appropriate choice.⁺

If you found these questions fairly straightforward and/or easy, **academic Math** may be an appropriate choice.⁺

⁺ Also take into consideration your achievement in Grades 7 and 8, your learning preferences, and your post-secondary plans.