

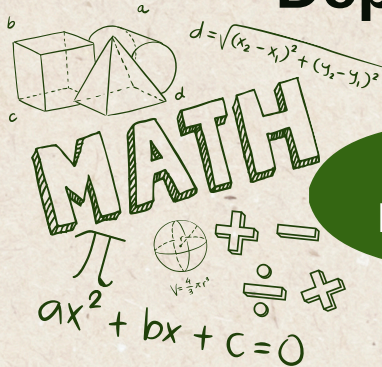


BRDHS

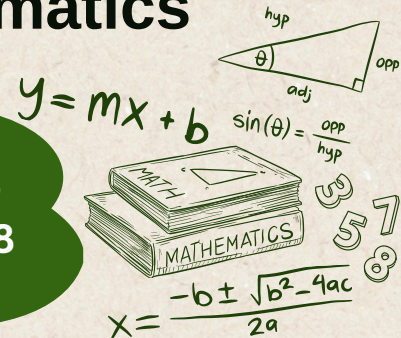
Belle River District High School



Department of Mathematics



A Message from the BRDHS Math Department to Grade 8 Parents



MTH1W Destreamed Mathematics

This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurements geometry, data, probability and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations. Students will continue to enhance their mathematical reasoning skills, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking. This course is intended to prepare students for a pathway which may include College or University level courses.

MAT1L, Locally Developed Mathematics

Concepts will be presented in a real life context, providing students with the opportunity to explore, organize, interpret and use mathematical models to solve problems. Technology and manipulatives will be used wherever appropriate. This course is intended to prepare students for the grade 10 locally developed Mathematics course, which leads to workplace prep courses in grades 11 & 12. Please speak to your child's grade 8 teacher and the BRDHS Guidance staff for help with deciding if this is the proper choice for his or her grade 9 math selection.

$$\begin{aligned} & B \lim_{x \rightarrow 1} \frac{ctgx - 2}{2^{11} \times 3} Q \\ & + y^2 = z \quad S_5 = \begin{bmatrix} 10 & 0 \\ 10 & 1 \\ 00 & 1 \end{bmatrix} \\ & \pi \approx 3.1415 \\ & P = r^2 \pi \quad (x+y)^2 = \dots \\ & \Delta t = T - \frac{3a}{x} \quad 8x = \dots \\ & (x-y^2) \quad y = 2x^2 + 3x \quad \uparrow y \\ & \int \frac{\sqrt{x+a}}{x} \quad \text{---} \quad \text{Members of BRDHS Mathematics Department. Mr. Bracken, Mrs. Turner,} \\ & e = 2.718 \end{aligned}$$



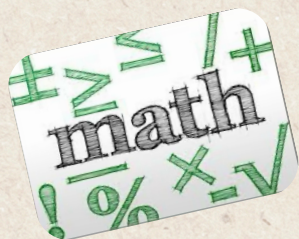
$$\begin{aligned} & \sum_{i=1}^n = n-1 \quad A-C = \dots \\ & \frac{-m)^t}{1} \quad s = \int_2^5 5t \, dt \quad x \\ & \frac{\Delta x + 2}{\Delta y - 1} \quad y = \frac{\Delta x}{\Delta z} \\ & \sin x \\ & x^2 = x^2 + 2ax + a^2 \quad f_x = \dots \\ & x_{1/2} = \frac{b \pm (a-c)}{\sqrt{2a}} \\ & n(2a) = \frac{2 \tan(a)}{\dots} \end{aligned}$$

Members of BRDHS Mathematics Department. Mr. Bracken, Mrs. Turner,
Ms. Nefiodov, Ms. Bell, Mr. Smith (DH).

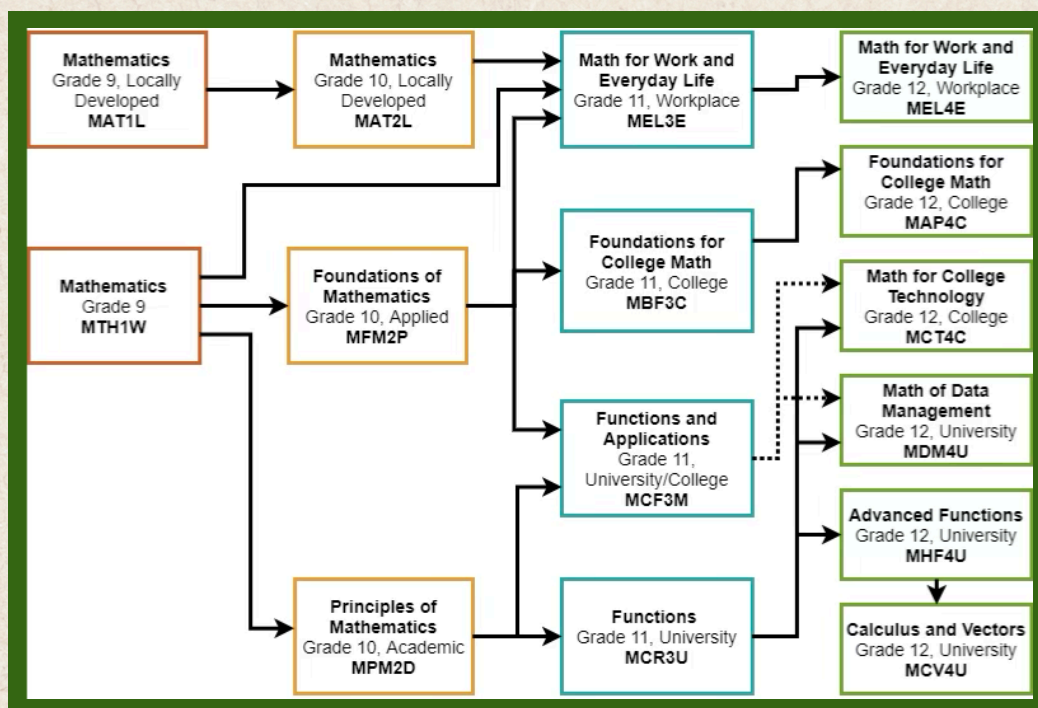
Math at BRDHS

- Belle River District High School Students have scored at the TOP of the GECDSD on the EQAO Grade 9 Math Assessment for the past 20 years
- Small Class Sizes in Grade 9
- Experienced Math Teachers who are heavily involved in school & community events.
- Students work with our scientific calculators with an “emulator” where the teacher can demonstrate key strokes
- Handouts organized in “unit packages”
- Math lessons incorporate technology such as Knowledgehook, Explore Learning (Gizmos), Smart Technologies, Coding

Mark Distribution in Grade 9 Math



- Quizzes, Unit Tests, Assignments = 70%
 - EQAO Provincial Assessment (on-line format) = 15%
- Additional information is available at www.eqao.com
- Final Examination = 15%



Further Information Required?

Should you require further information, please don't hesitate to contact the Department Head of Mathematics, Mr. M. Smith, at BRDHS via email (mike.smith@publicboard.ca) or by phone at the school (519.728.1212).