

SUMMING IT UP

Support for the Mathematics Community of the ALCDSB

Volume 1, Issue 1

October 2011



HOMWORK HELP LAUNCHES THIS FALL PROVINCE WIDE

This year, all Grade 7-10 Mathematics students in the ALCDSB will have access to the [Homework Help](#) website.

The Independent Learning Centre (ILC), along with the Ministry of Education, has expanded to include all 60 English-speaking school Boards in Ontario, with over 600,000 students participating.

Starting this fall, students register on the site and will be able to access live, online help in Mathematics from certified Ontario teachers. Tutors will be online from Sunday through Thursday between 5:30 - 9:30 pm EST. Many other resources are available 24/7 on the site including Tutorials, a Student Locker, and more!

Features available at Homework Help...

- [Virtual Math class rooms](#) and audio enabled tutors each night
- A [lobby](#) to display more rooms for easy access
- [Topic designated rooms](#) (i.e. fractions, algebra, EQAO, etc.)
- Available ['Tag' feature](#) for students to save other student's chat sessions to their locker
- Classroom tools available for teachers - great introduction during registration
- Guest users can register as Guardians or Educators for tailored content
- Hundreds of Best Sessions online covering a wide range of topics including [great seminars](#) for grades 9 and 10
- [Two interactive whiteboards](#) for easier lessons

In the

News from across our Board

Last year, over 450 students from our Board completed on-line courses...

With Homework Help, students can contact the Tutor Chat room to ask *(and get) help* for all of their questions!

Did you know?

On the interactive whiteboard, students can draw geometric shapes, angles, and lines

Learning is Fun :)

HOW DO I START GETTING HELP IN MATH ?

Students may register today using their Ontario Education Number (OEN)* at:



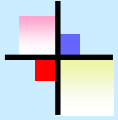
homeworkhelp.ilc.org

The Independent Learning Centre is the designated provider of distance education for the Ministry of Education

Please contact Mike Lattner, e-Learning Contact for the ALCDSB for registration information.

lattner@alcdsb.on.ca

* The OEN may be found on any Provincial Report Card or may be obtained from your teacher



FAQ

Answers to some Frequently Asked Questions about Homework Help

Q. What is the Independent Learning Centre (ILC)?

The ILC is an educational organization run through TV Ontario and is designated as the official distance education provider by the Ontario Ministry of Education.

Q. Will the ILC have access to student's personal information?

NO. Individual students and/or school boards will not be identified to the ILC.

After students activate their accounts, they will be known to the ILC as their Username and Password.

Q. Who are the tutors who will be assisting my child?

The tutors are Ontario certified mathematics teachers from school boards that are participating in the Homework Help project.

Q. Why would my son/daughter go to Homework Help when they could just '**Google** it' ?

Homework Help provides a safe, reliable resource provided by the ILC, through the Ministry of Education, with Ontario teachers who know and teach the Ontario Curriculum.

Each student gets to keep what they have learned in their own locker.

Q. Is it okay to give an e-mail address ?

Absolutely, this is a completely safe and secure environment... the ILC uses the same security platform as the banking industry.

The benefit is that Homework Help will be able to...

- *assist if students forget their Username or Password*
- *inform students about key times during the school year; exams, EQAO, and upcoming events*

Q. How does my son/daughter remain anonymous when they are getting help ?

Student names appear only as STUDENT when they are being tutored to anyone else who is in the Tutor Chat Room.

FREE MATH TUTORING

For Grade 7 to 10 Math Students



Homework Help

**One-on-one, confidential
live tutoring sessions**

Sunday to Thursday, 5:30 p.m. to 9:30 p.m.

- Ask a question
- Draw on the interactive whiteboard
- Watch and learn online

Plus

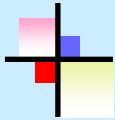
- Virtual locker, videos of best tutorials, math games
and more — available anytime!

HomeworkHelp.ilc.org



reach every student





HELP !!

Sample Tutoring Sessions from Homework Help

Graphing Quadratics - an Easy Method

By understanding the step pattern and role of the vertex, the student learned how to quickly graph quadratics in vertex form

5 minutes

Perfect Squares and GCFs

In this session, the student learned about perfect squares and its application to real life

2 minutes 9 seconds

Determining the Equation of a Line

In this session, the student developed an equation, and a graph, to show the cost for a cell-phone plan

15 minutes 54 seconds

Ratios and Percent

In this session the student learned how to express parts of a garden as ratios in lowest terms and then as percents

17 minutes 28 seconds

Geometric Properties

The student proved that the triangle formed by the midpoints is one quarter of the area of the large triangle

3 minutes 18 seconds

Solving a Simple Equation

Here, the student reviewed the zero property and how to solve a simple algebraic equation

2 minutes 15 seconds

Can you spot the Changes?

The images below are from a Tutoring session on *Homework Help*. See if you can find the 13 differences between these two images

Answers

- #1 The red point and the green point are switched
- #2 The = sign is removed from $b = 6$ units
- #3 The green dot is smaller
- #4 The decimal point is missing from the answer
- #5 The "squared" is now a "cubed" in the first line of the answer
- #6 There are only 3 red checkmarks instead of 4
- #7 The "square root" is now "square"
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A year project funded by the Ministry of Education

For more information about Homework Help, please contact your e-Learning Contact