



MHS Fact Sheet

What is MHS?

MHS is essentially a fully loaded Learning Management System for mathematics that has every resource a math teacher needs to begin implementing blended learning into their classroom immediately. The software allows teachers to differentiate to individual students, diagnose students' difficulties and connects the stakeholders with automated progress tracking that is reported to parents and teachers, providing students with the support they need when they need it.

The features of MHS include:

- ✔ Video lessons covering 100% of the curriculum expectations for each course.
- ✔ Walked through video examples for each concept.
- ✔ Video lessons can be assigned to preview topics or reinforce concepts taught in class.
- ✔ Classroom investigations that focus on collaborative inquiry based learning.
- ✔ Homework delivery system provides differentiated homework for each student.
- ✔ Ability to seamlessly assign work from other grade levels to further differentiate instruction.
- ✔ A walked through video example linked to each homework question.
- ✔ Automated progress tracking which promotes student accountability and creates independent learners.
- ✔ Parents and teachers immediately notified of homework results.
- ✔ Digital interactive workbook with video solutions to each question.
- ✔ Worksheet generator.
- ✔ A platform to digitally distribute other resources.
- ✔ Ability for teachers to upload, assign and track their own videos.
- ✔ Targeted remediation promoting mastery of concepts.
- ✔ Detailed teacher's notes for every topic.
- ✔ Video supported final exam preparation module.
- ✔ Detailed diagnostics allow teachers to identify student strengths and weaknesses.
- ✔ Built in messaging tool creates a communication bridge between teachers, students and parents.
- ✔ Online grade book and progress reports.
- ✔ Student accounts give each student the ability to direct their own learning.

How is MHS different from every other EdTech software?

Most EdTech is designed as an alternative to the classroom. At MHS we believe that if a tool is used exclusively at home that it will benefit the diligent and the drowning and will largely ignore the 80% of students who fall in the middle of those two extremes. In order for educational technology to benefit all students it must be teacher directed and be used both in the classroom and at home, at the point of instruction and at the point of learning.

Where is MHS used?

MHS was first built for the Quebec school system and is now used in over 75% of the schools in all 9 English Quebec school boards. The program has since been fully customized for Ontario and the other Canadian provinces and is currently being customized to the Common Core State Standards in the US.

Curriculum Alignment:

As math teachers we realize the difficulties and misunderstandings that arise when using materials that are only loosely aligned to the curriculum.

MHS sits down with teams of teachers and curriculum consultants from each jurisdiction it enters in order to make sure that they not only satisfy 100% of the government expectations, but that they satisfy the approach and pedagogy of each individual school board.

Teacher Engagement

We understand the frustration that school boards feel when they invest in educational technology only to find that in some cases 5% of their teachers use the new software on a daily basis while the other 95% never get on board. MHS is very proud of our statistics for teacher engagement with over 76% of our teachers actively engaging with the software on a daily basis at the point of instruction.

Is MHS difficult to use?

MHS believes that educational technology gets used to its full potential when it has a limited learning curve and users understand how to use it. For that reason, MHS has made a strong commitment to professional development and our certified trainers go out to each school to walk teachers through the use of their teacher's module. We then return to launch the software in the classroom with the classroom teacher so that the students hit the ground running. We have found that the schools that have experienced the in-school PD for teachers and students have realized the greatest benefits from implementing MHS.

Is MHS a primary resource?

MHS is designed to be a platform and backbone resource that allows classroom teachers to do

their job more effectively. While no single resource should ever be the only resource a teacher uses, MHS is suitable as a teacher's primary resource given that it is the only resource that covers all curriculum expectations.

What types of assessment does MHS track?

1. Assessment as learning: this is ongoing and is to make students aware of how they learn and how to improve. It is facilitated with the targeted remediation module and the video support for homework questions.
2. Assessment for learning: this is also ongoing; it is formative and requires ample feedback from the classroom teacher in evaluating the students' process as no technology can do this better than a professional teacher.
3. Assessment of learning: this takes place at the end of a unit/chapter and is summative by nature

What types of questions do teachers & students have access to?

MHS is designed to take students from basic skill building through to preparation for final exams. There are classroom investigations that focus on collaborative inquiry-based learning, thinking questions, contextual real-world applications questions and communication-style questions built in to the system.