



Learning Blade®

Building the pipeline of STEM graduates for the future to provide greater economic opportunity to all!

The STEM IMPACT PROGRAM is:

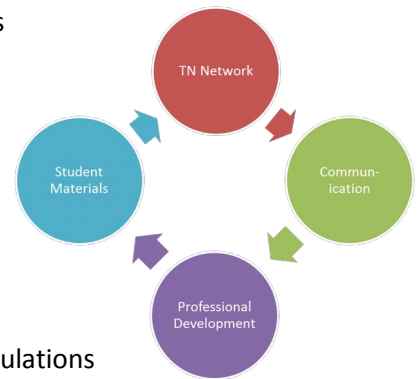
Student Ready Materials + Professional Development + Network + Communication Strategy

Learning Blade® has a unique methodology designed to increase student awareness of STEM by integrating STEM into many classrooms, not just the science lab. Students pursue engaging missions and lessons that solve a problem, such as helping an injured dolphin, building an orphanage after a major earthquake, or solving energy and transportation needs in a new city. The system includes an expanding library of activities that totals up to 150 hours of curricula. Every mission and lesson combines the following:

- STEM
- Common Core/Academics

The STEM IMPACT Program is a one-of-a-kind program designed to increase awareness of middle school students of STEM technologies and careers.

- Increase self-efficacy of students in STEM fields
- Provide a STEM program that reaches all students, even in rural areas.
- Create an inter-disciplinary STEM teaching practice that engages multiple teachers at appropriate grade levels
- Increase percentage of under-represented populations that express an interest in STEM careers, particularly girls and minorities
- Provide a basis that, combined with traditional instruction, improves student performance on Common Core and with NGSS



Truly a one-of-a-kind program!

94% of eighth graders make course-taking decisions related to preparing themselves for postsecondary education or a career. *UMass.*

Partners for execution of the program include national leaders:

BattelleEd to provide evaluation and validation

STEMconnector to provide communication

TOOLS		STATUS
Antibiotics		Completed
Cell Phone		Completed
CNC Machine		Incorrect
Earthquake Science		In Progress
Green Buildings		In Progress
Nuclear Power		Incorrect
Water Purification		In Progress

TEAMMATES		STATUS
Architect		In Progress
Civil Engineer		Completed
Electrician		In Progress
Environmental Engineer		Completed
Meteorologist		Incorrect

Missions Completed: 0/6 Mission Score: 0/60 Tools Earned: 2 of 5 needed (40%) Teammates Earned: 2 of 5 needed (40%)

For additional information on how your organization can fund or participate in the

STEM IMPACT PROGRAM please contact: sheila@thinkingmedia.com or call 423-521-2309

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