STEM Happens

Hyperstream gets real
Real-world business partnerships motivate Dallas Center-Grimes High School students to achieve with Hyperstream.

Last semester, Ben Chadwick’s Hyperstream participants made significant changes to "improve the user experience" on the Dallas Center-Grimes High School website. “We created a website for the kids, by the kids”, and they continue to work on it; increasing the content and complexity of the information available, while streamlining it for ease of use.

This semester, a larger group of students is offering their services to create or enhance the websites of local businesses. Working in groups modeled after the roles of their business mentors at Principal Financial, students raved about the real-world application for their learning. "We are making something real, not something you delete at the end of the semester."

"We need to give our customers options" Students discuss the menu of website templates to propose to a local business.

Engineering is Elementary after school!
After-school programs use EiE to explore STEM, develop literacy, and encourage team-building.

Learning continues with EiE in after-school programs in Des Moines and Madison County. Molly Allen, with ISU Extension and Outreach - Madison County, says "I enjoy doing the STEM activities in the more casual atmosphere of an after-school program. It feels more fun". Miss Angela, of the Boys and Girls Clubs of Central Iowa echoes, "The students and I just love the lessons because they are so tactile."
In addition to providing fun ways to explore STEM, EiE activities help accomplish other goals of these after-school programs. EiE units begin with a story about a child engineer, adding a literacy component to the lesson. Molly Allen adds “These activities have been great for cooperation and working together, which is another goal of the [Madison County Extension] program”.

Prairie City Elementary Students connect A World in Motion lessons to their every day lives

Students make connections that turn a tornado drill into a discussion about force.

Prairie City Elementary 2nd graders are learning about force with the AWIM Pinball Designer Challenge. During a recent tornado drill, students observed that a Plinko board in their shelter area looked a lot like the pinball boards from their science lessons. Their teacher, Sarah Kramer, said "We spent the tornado drill talking about force"
Events

Governor's STEM Advisory Summit venue change and registration re-opening

The STEM Summit has a **NEW VENUE**, the [Iowa Events Center in Des Moines](https://www.iowaevents.com), meaning more space for more attendees! Check out the [agenda](https://www.iowaevents.com). Lieutenant Governor Kim Reynolds will announce the scale-up programs for '13-'14!

*If you have not already registered, click here to register.*

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**Entertain with STEM [Science, Technology, Engineering, Mathematics]**

**Student Teams!** Create and enter a **short film** featuring how STEM shapes a **more exciting future**. Films can be dramatic, humorous, action, motivational, illustration/graphics or a cool STEM commercial. Go to [www.educateiowa.eduvision.tv](https://www.educateiowa.eduvision.tv) and scroll for STEM for a couple of samples to get your creative juices flowing.

**Intention Deadline:** March 4, 2013; **Video Must be uploaded by March 22, 2013**.

*Are you Iowa's next STEM Cecil B DeMille? To get your film career started, click here to start the process!*

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**Don't miss these upcoming STEM events!**

- **March 4** [STEM Film Fest](https://www.educateiowa.eduvision.tv) Intent to Compete Deadline
- **March 5** [STEM Summit](https://www.iowaevents.com), Des Moines* **NEW VENUE***
- **March 22** [STEM Film Fest](https://www.educateiowa.eduvision.tv) Deadline to Upload Video
- **April 11** [Tau Beta Pi Roller Coaster Competition](https://www.taubetaipi.org), Ames
- **April 22** [Tau Beta Pi Catapult Competition](https://www.taubetaipi.org), Ames
- **May 5** [Iowa Student STEM Film Festival](https://www.iowaevents.com), Des Moines

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June **Bioethics and Biotech Summer Workshops**, Ames

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