# What is the TeacherGeek STEM Cart? lowa Governor's STEM Advisory Council Awardee

#### **The Ultimate Solution**

The Governor's STEM Advisory Council has chosen TeacherGeek as an exemplary STEM program, proven to inspire and educate Iowa PreK-12 students by way of unparalleled engineering labs and challenges. TeacherGeek's STEM Cart is the ultimate mobile making station, packed to the brim with tools and building components to help educators of all levels deliver the highest quality STEM experiences to their students.

> Best of all... You can get it for FREE! (all you have to do is apply)















MAKER SPACE

Need some Application Assistance? Check out this webpage! teachergeek.com/iowastem

## **Real Engineering**

TeacherGeek projects evolve over time and with the student's understanding. There is no perfect design, so students are never done/bored. Students learn from failures, pulling in math and science while truly innovating and engineering. Plus, building with high quality TeacherGeek parts means students can really use and learn from data gathered during experiments.

## **Maker Cart Activities:**

- Breaking Bridges
- Wiggle-Bots
- Air Racers
- **Mini Wind Turbines**
- **Rubber Band Racers**
- Electromagnets
- Build-A-Boats
- Hydraulic Claws
- Sail Cars
- Projectile Launchers
- Wind Pumps

...& LOTS More!









#### **LOTS of Stuff**

Backed by over 40 STEM/ STEAM activities and over 18,000 components (that's an entire pallet), one Maker Cart can support hundreds of students and their projects. Projects are so low cost, students often take them home. TeacherGeek projects range in grade level from kindergarten all the way through the 12th grade!

718,000 Teacher Geek Teacher Geeks!!



## **Incredible Free Resources**

TeacherGeek offers free, downloadable, editable, self-directed engineering challenges, classroom labs, overviews, scenarios, videos, and more to take the Maker Cart to the next level. All activities and documents are aligned to NGSS, Common Core and other state & national Education Standards.





## **Revolutionize Your Space**

Transform your classroom, makerspace or library by simply rolling in this cart. It provides an incredibly comprehensive, unparalleled STEM/STEAM/Maker solution. Getting started is easy. It comes 98% assembled; Attach the sign and tools, fill the bins and you're ready to get making!

#### **Choose Your Bin Color (After Approval)**









#### Ready to Upscale your STEM Program?

Submit your Application at <a href="IowaSTEM.org/Scale-Up-Application">IowaSTEM.org/Scale-Up-Application</a>