



November 27, 2017

To: Dr. Riggle, Superintendent
Board of Education

Fr: Karen Geddeis

Re: Glenbrook Stories - December 11, 2017

MEMO

For our December Glenbrook Stories segment, we will get to know GBS sophomore Kate Stack, who was one of five national finalists that travelled to Los Angeles for Marvel Studios' Thor: Ragnarok Superpower of STEM Challenge. She designed a kid-friendly Epi-Spot (pen), that doubles as a teddy bear and can be used as a training tool. It teaches kids the important steps of using an EpiPen injector while easing their fears at the same time. The tech-savvy invention includes a microcomputer, programming and other electrical components.

Kate was inspired to create the Epi-Spot due to her own experiences with food allergies.

- “What strikes me most is the thoughtful and intelligent questions that Kate poses ... It’s obvious that her engineering design thinking is coming into play and it’s because of her GBS classes. She has grown so much since starting at GBS.” - Kate’s mom, Karen Stack
- “Kate is a natural maker. She loves to problem solve and is very passionate about helping others. In addition to her Epi-Spot and numerous other maker projects, Kate loves to do outreach to inspire girls to develop confidence in STEM fields and endeavors.” - Kate’s teacher, Mike Sinda

This story focuses on the themes of innovation, the road to success, and service learning.