Center for Education Integrating Science, Mathematics & Computing

Georgia

Tec

The New Power Tool: Student Generated Data

Presenters:

Jeff Rosen – Program Director – Co-PI – Georgia Tech CEISMC Amber Smith – E&T Educator – Griffin-Spalding Co. Schools James Ray – E&T Educator – Griffin-Spalding Co. Schools



Georgia Tech

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The STEM-ID Curricula – 18 week E&T connections courses

6th grade – Carnival Tycoon 7th grade – Flight of Fancy 8th grade – Robot Rescue



Georgia

Tech

electronic Engineering Design Log - eEDL

Excel based engineering log Aligned with Engineering Design Process

eEDL



AMP-IT-UP project integration

Math and Science Modules 3 modules per grade for each grade Integrated Practices

- Experimental Design
- Data Visualization
- Data Driven Decision Making



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Tech

Accessing the curricular materials

ampitup.gatech.edu

Curricula tab Select Engineering & Technology Registration form Feedback



Georgia Tech Center for Education Integrating Science, Mathematics & Computing

Now lets see some of the activities!

Separate areas for each grade level of the AMP-IT-UP STEM-ID





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QUESTIONS????

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dvanced Manufacturing & Prototyping Integrated to Unlock Potential