Empower Students to Get Into Tech

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Welcome

TIES Teaching Institute for Excellence in STEM is committed to providing access to high-value education for all learners.

One approach we're taking involves a collaboration with Amazon Web Services (AWS) GetIT.
GetIT is a fully funded education program and competition designed to inspire 4-8th grade students, especially those in underrepresented communities, to consider a future in STEM.

- Inspire students to consider STEM for their future career
- Flexible STEM curriculum and support
- Empower students to develop new skills
- Opportunities for students after the program

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GetIT is designed to provide educators with an out of the box program

- No preparation or content mastery needed
- Flexible STEM curriculum built by educators and AWS experts
- Tools: Educator Resource Center, Educator and Student Guides
- Content that helps build a classroom culture that celebrates inclusion and diversity through community engagement
To improve diversity and inclusion, AWS GetIT intentionally features Ambassadors who are:

- Women and non-binary individuals at Amazon and AWS
- Variety of roles and backgrounds
- Interested in professional development opportunities
- Want to make an impact on their community
How does **aws GetIT** work?

- **Schools** are paired with an ambassador living in their community.
- **Ambassadors** introduce students to the program, possible careers in tech, and women in technology.
- **Students** learn and practice using cloud and human skills in teams.
- **Teams** will finalize their ideas.
  - Schools can submit up to two ideas to the competition.
  - Teams design an app for their school or community.
- **In the Semi-Finals**, the top 10 finalists present their ideas to AWS and industry expert judges.
  - Two teams move onto the Finals, where they present to judges in an AWS event.

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Meet the Talent
aws GetIT

Curriculum Deep Dive
Curriculum Learning
Objectives

- Apply Design Thinking methodology to building a product
- Employ attributes of Habits of Mind to solve real-world problems
- Create an app UI/UX wireframe design
- Develop awareness of key environmental and social issues around the communities
- Explore basic cloud computing and AWS technology services
- Discover different types of careers in technology.

*Curriculum Brochure with Detailed Information*
### Design Features

#### Delivery method

- E-Learning content as primary delivery with in-classroom facilitations by educators via LMS Canvas.

- Designed for multiple delivery modalities, i.e. hybrid, in-person and online delivery.

- Hands-on interactivities, games and simulations with a vibrant and energetic visual style.

#### Curriculum

- Foundational level

- 3 or 6-month duration, flexibility to meet educator implementation timelines.

- Total 10-12 hours of content and activities, including extra optional content.

#### Program Support

- Women and other Diverse professionals in tech support students in course work.

- Inspire students to consider future in tech by giving voice to their personal story.

- Continued support through competition phase.
Technical Requirements

- To digitally access the online curriculum content to deliver to students, technical requirements include:
  - Access to a laptop (Windows, Mac, Linux, or Chromebook)
  - Access to internet connection
  - Access to *.aws.amazon.com prior to teaching the unit
    (Educators should ask the school Network Administrator for assistance.)

- To access offline content, educators and students can download PDFs via AWS GetIT’s learning management system Canvas.
Next Steps

1. Apply for AWS GetIT: Application

2. Please take a moment to share the insights from today's webinar with your peers, so together we can broaden the impact of this transformative initiative.

THANK YOU!