

Uniting Partners. Transforming Learning.

# aws GetIT

# **Empower Students to Get Into Tech**



© Copyright 2023 TIES Teaching Institute for Excellence in STEM



## 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.





© Copyright 2023 TIES Teaching Institute for Excellence in STEM

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.







$\bigcirc$	₹ I
	Ξ

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



# 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



© Copyright 2023 TIES Teaching Institute for Excellence in STEM



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



© Copyright 2023 TIES Teaching Institute for Excellence in STEM

# How does aws GetIT work?

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



© Copyright 2023 TIES Teaching Institute for Excellence in STEM

# **aws** GetIT



# Meet the Talent



© Copyright 2023 TIES Teaching Institute for Excellence in STEM





© Copyright 2023 TIES Teaching Institute for Excellence in STEM

# 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.



© Copyright 2023 TIES Teaching Institute for Excellence in STEM

### **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.



© Copyright 2023 TIES Teaching Institute for Excellence in STEM

#### Questions





#### Learn more about here!

#### Questions: mwapetrunell@tiesteach.org



© Copyright 2023 TIES Teaching Institute for Excellence in STEM

## Next Steps

1. Apply for AWS GetIT: <u>Application</u>



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

#### THANK YOU!



© Copyright 2023 TIES Teaching Institute for Excellence in STEM