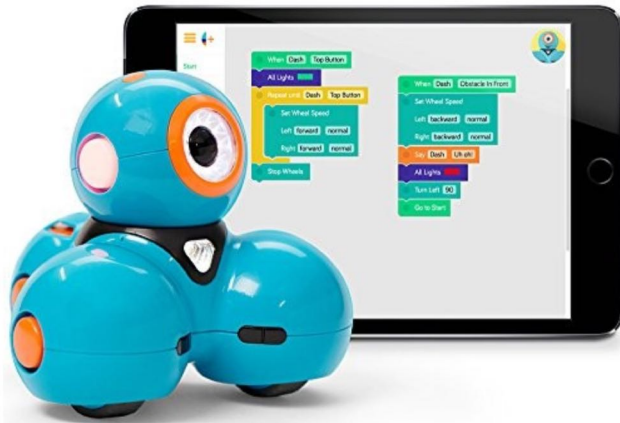


# Country Focus: Jamaica



On **July 19**, ITEN partners from **The Mico University, Jamaica** held a face-to-face workshop for teachers on the use of robotics for STEM lesson plans.



This activity follows up from an **ITEN Seed Grant** award that initially included virtual trainings for teachers in August 2020 for 42 teachers from 4 schools across Jamaica. The face-to-face training supported 16 teacher delegates from the original group to learn how to interface with *Dash*, a robot that can be programmed from a smartphone or tablet.

The Seed Grant is led by **Dr. Albert Benjamin**, and July training was led by **Mr. Wayne Thompson** (below) and **Ms. Peta-Gay Kirby** (right), an ITEN Teacher Fellow.



**16**

**teachers** learned how to use the robots, and these teachers will share their knowledge with their colleagues.

**42**

**teachers** impacted through this Seed Grant in learning about STEM lesson planning broadly.

*The use of robotics in this training is used as an activator to help teachers think about STEM from an interdisciplinary standpoint.*



One outcome of the workshop experience was the **development of teachers' plans to use the robot to teach subjects including—but not limited to—coding and computational literacy.**



How can robots be used to foster interdisciplinary learning? Teachers hope to use them to teach:

- **Math & Physics:** By programming with concepts that include distance, speed, time, angles, fractions, and perimeters.
- **Literacy:** Using verbal expressions to create "pseudo-code" that describes commands and movement.
- **Arts:** Creating storyboards that define robotic movement; timing robots to move to the beat of music.