

TAKING PROFESSIONAL DEVELOPMENT TO THE NEXT LEVEL

SUBJECT
Tim Hammill

TITLE
Supervisor of
Educational Technology
and Curriculum Services

ORGANIZATION
Westmoreland County, PA
School Districts

LITTLEBITS PRODUCTS USED
Base Kits



WHO DROVE LITTLEBITS IMPLEMENTATION?

Tim Hammill is a supervisor who coordinates educational technology and curricula in Westmoreland County, PA.



WHERE WAS LITTLEBITS USED?

Professional development workshops for teachers in Westmoreland County's 17 school districts.



WHAT WAS THE GOAL OF THE EFFORT?

- Encourage project-based teaching where educators facilitate and guide learning
- Get teachers to jump into STEM-related activities - even if they've previously been reluctant to teach technology.



WHY LITTLEBITS?

Tim said, "The inherent simplicity of littleBits takes away the technophobia that prohibits some teachers from jumping into STEM-related activities. I saw littleBits as a doorway to STEM integration...regardless of the subject area or the level of expertise of the student or teacher."



HOW WAS LITTLEBITS USED?

- Full-day workshops where teachers learned how to integrate littleBits into the existing lessons
- Teachers created and participated in a design challenge, then assessed its impact
- Each teacher received a Base Kit to use in their class



WHAT WAS THE RESULT?

Tim was over the moon about how much littleBits helped him get teachers comfortable with STEM and project-based learning.

He said, "These workshops have been the most engaging experiences we have ever provided for our teachers."