

GO₂ Science

Teacher Transformed

Shifting practice through co-learning!

This is a story about how a teacher in Portland, Maine, used Go2Science to transform her professional practice and become a STEM super star!



"I was not a strong science teacher when I started using Go2Science, but in my second year of the program, my principal chose my class as an exemplar of STEM learning and sent a news crew to showcase our work!"

~ Kristen Tedesco, teacher, Lyseth

OUR MISSION

To teach children how to use science and technology for a greater good and become the sort of compassionate, evidence-based decision makers we need in the 21st century.

THE CLASS:

Kindergarten

16 students

Lyseth Elementary, Portland Maine

Ms. Kristen Tedesco, teacher

THE ADVENTURE:

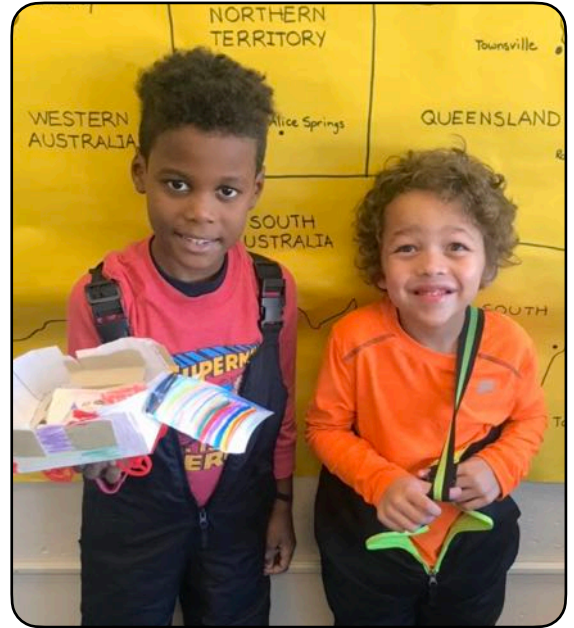
The class joined us for a study on kangaroo populations in eastern Australia. Ms. Tedesco used Go2Science field videos, livestreams, hands-on lessons. Her students helped direct the mission through voting. They also used and adapted Go2Science 3D files to extend the learning

THE JOURNEY:

Though a skilled teacher in many areas, Kristen Tedesco self identified as a weak science teacher. Like many early elementary teachers, she lacked the content knowledge and confidence to meaningfully engage her students in science topics. With each Go2Science research mission, she gained skill and expertise. She learned right along with her students, modeling curiosity and wonder knowing Go2Science content filled the gaps.

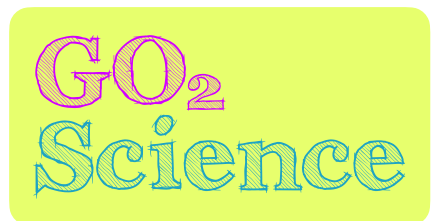
THE RESULT:

Student achievement in Ms. Tedesco's class soared. Children applied science processes and vocabulary spontaneously and in new and novel settings; a true mark of student mastery! Kristen's own skill set rapidly increased along with her students. She went from zero experience 3D printing to confidently adapting and printing models to enrich her students' engineering projects!



Together, Ms. Tedesco and her students designed and constructed “better camper vans” for Beth and Curtis during their Australian adventure. Students in her class routinely and correctly use science terms and process thinking as they investigate the world around them! Ms. Tedesco feels empowered to guide their investigations!

Help us broaden children's world!



Learn more:

go2science.com