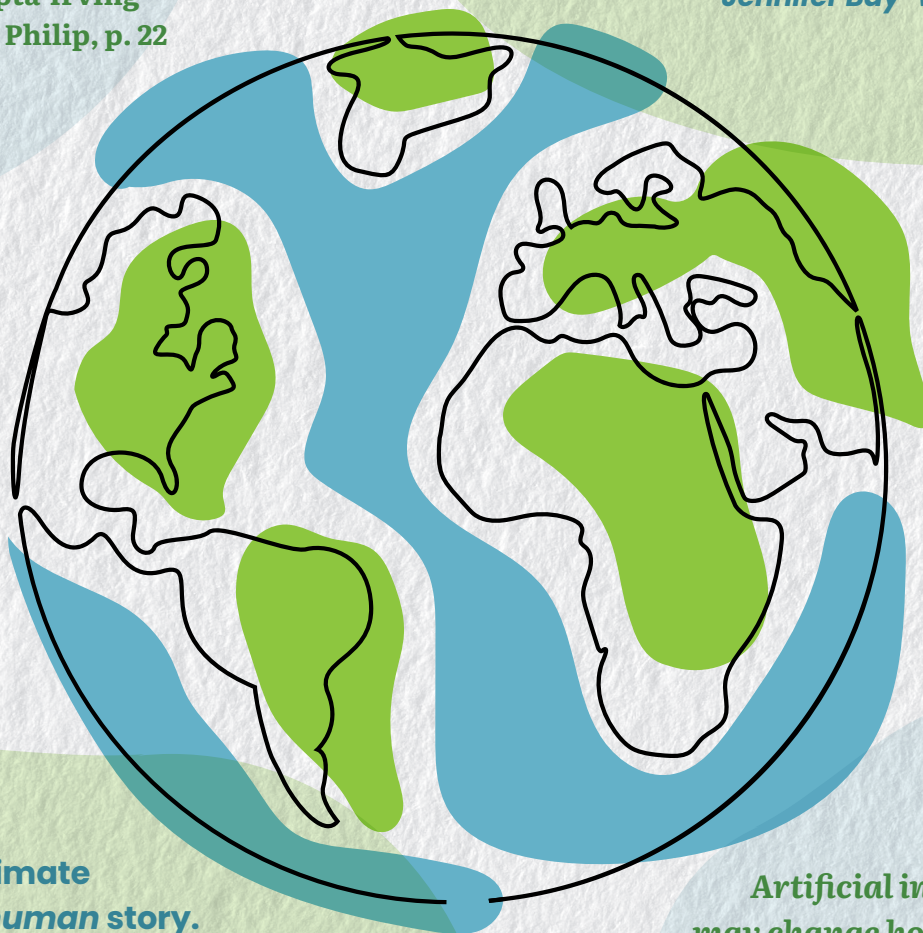


Doing more STEM as it has been done in the past will not “save the world,” and having the humility to know that is an important first step.

—Tesha Sengupta-Irving and Thomas M. Philip, p. 22

When we swap memorization, speed drills, and replicating processes for opportunities to engage in the mathematical practices of the discipline, we are preparing mathematicians.

—Jennifer Bay-Williams, p. 28



At its core, climate change is a *human* story. People, communities, and entire nations are now being made vulnerable by the “downstream effects” of climate change, including the spread of disease, mass human migrations, and economic instability.

—Mark Windschitl, p. 36

Artificial intelligence (AI) may change how we program computers, but a conceptual understanding of how programming works, what it can and can’t do, and how to test a computer program for flaws will remain essential skills.

—Mahmoud Harding and Rachel Levy, p. 54