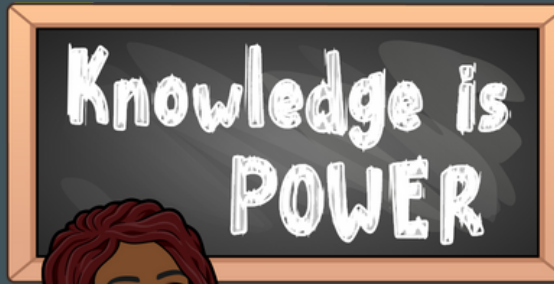


The background features a dark blue chalkboard with a wooden frame. On the left and right sides, there are stacks of colorful books (yellow, purple, orange, red, blue). In the top corners, there are illustrations of a red calculator, a blue ruler, and a pink pencil. The title "BUILDING EQUITY IN SCIENCE" is written in large, bold, yellow capital letters on the chalkboard.

BUILDING EQUITY IN SCIENCE

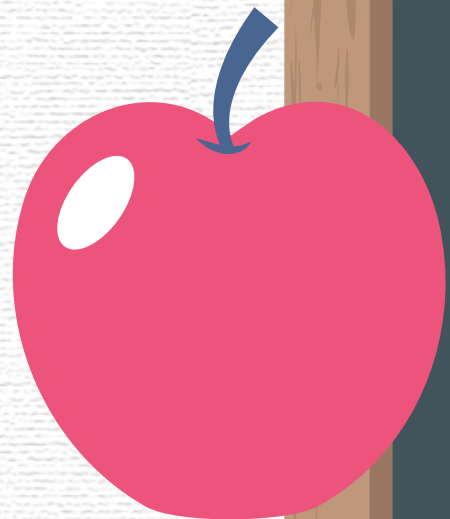
How can we promote equity in
science education?

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“

The prospects for increasing diversity in the STEM workforce are closely tied to the educational system.





INTRODUCTION

What is the issue?

Equity should be prioritized as a central component in all educational improvement efforts.

All students should and can learn science, no matter how complex the science.

Achieving equity in science education requires educators to reposition students as participants in science learning and allow students to recognize the strengths they can bring to their communities.



THE AIMS OF THIS WEBINAR

- To deliver a message to understand and think critically about equity in science education.
- To invite viewers to think of ways they can be change agent in science education.

Things to think about

1. Black and Hispanic workers are underrepresented in STEM jobs relative to their shares in the U.S. workforce as a whole.
2. Black and Hispanic graduates are underrepresented among degree recipients in STEM fields compared with their share of all degrees.

OUR ROLE AS EDUCATORS





CONCLUSION



THANK YOU

I appreciate you!





RESOURCES AND CONTACT INFORMATION

Resources to use to help you on this journey

<https://www.pewresearch.org/topic/science/stem-education-workforce/>

Video source: Adichie, C. 2009. The danger of a single story.

<https://www.youtube.com/watch?v=D9lhs24Izeg>

Next Generation Science Standards:

<https://www.nextgenscience.org/>

Best Practices in Diversity in Stem:

[https://www.whitehouse.gov/wp-content/uploads/2021/09/091621-](https://www.whitehouse.gov/wp-content/uploads/2021/09/091621-Best-Practices-for-Diversity-Inclusion-in-STEM.pdf)

[Best-Practices-for-Diversity-Inclusion-in-STEM.pdf](https://www.whitehouse.gov/wp-content/uploads/2021/09/091621-Best-Practices-for-Diversity-Inclusion-in-STEM.pdf)