

STEM Education Goals in Wisconsin

As put forth in the list of big-picture goals below, effective STEM Education programs have the potential to do more than engage students in projects. They are pathways to equitably prepare students for college and career pursuits, supporting stronger communities across Wisconsin. School programs should be designed to ensure that all graduates are “STEM literate.”

STEM Education in Wisconsin should:

- Actively invite, engage, motivate, and inspire all students in these subject areas and related career pathways.
- Raise the achievement of all students so that they are prepared to create and use technology in their learning, college, community, and careers.
- Close the achievement and technical skill gaps between economically disadvantaged students, ELLs, students of color, and their peers.
- Increase the number and diversity of students who aspire and succeed at the highest levels of academic and technical achievement in these subject areas and related career pathways.
- Inspire learning which benefits the common good, resulting not only in individual gains in STEM skills, but also in stronger communities as a result of students applying their skills to solve relevant community issues.

Helpful STEM Links:

<https://dpi.wi.gov/stem>

<https://dpi.wi.gov/stem/leadership-team>

<https://swe.org/wp-content/uploads/2020/07/Ecosystems-STEM-Policy-Toolkit.pdf>

<https://vitalsigns.ecs.org/state/united-states/overview>

<https://www.successwithstem.org/resource/success-stem-toolkit/>

<https://vitalsigns.ecs.org/state/united-states/print>

<https://vitalsigns.ecs.org/state/wisconsin/print>

<https://vitalsigns.ecs.org/state/wisconsin/curriculum>

<https://vitalsigns.ecs.org/state/wisconsin/diversity>

<https://vitalsigns.ecs.org/state/wisconsin/overview>