

## Accepted Manuscript

Why Does Teacher Gender Matter?

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**Highlights**

- High school math and science teacher gender affects student interest and self-efficacy in STEM.
- The effect of teacher gender become insignificant once teacher behaviors and attitudes are taken into account.
- Teacher beliefs about male and female ability in math and science, as well as how teachers treat boys and girls in the classroom, matter more than teacher's own gender.
- Creating a positive learning environment and making math and science interesting are pivotal in engaging students in STEM subjects.

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