

THE GiST

Girls in STEM Toolkit



7 steps to a STEM-friendly home

1 Consider language and avoid stereotypes

When the family talks about people in science, technology, engineering and maths careers, try to notice and counter gender stereotypes and biases.

2 Get hands-on with STEM

Give girls opportunities to get hands-on with STEM – in particular, encourage them to develop their spatial skills and to use computers and other equipment.

3 Connect STEM with your child's interests and passions

Connect girls' interests and passions to STEM subjects and careers. Find links between STEM and issues, problems and topics that your child finds personally meaningful.

4 Find STEM role models and careers

Girls who see role models in STEM who look like them are more interested and confident about pursuing STEM careers themselves.

5 Learn together as a family

Many girls enjoy collaborating and learning with other people. Can you think of ways to learn about STEM concepts as a family?

6 Find opportunities for creativity and problem-solving

Many girls are motivated by approaching problems creatively, in their own way.

7 Encourage a growth mindset

Girls are more confident, and achieve more, when they have a 'growth mindset' about their skills and abilities. A growth mindset is about believing that success is due to your own effort and persistence, rather than natural ability.

For more ideas, go to:

thegist.edu.au