How can we engage more girls in STEM?

Insight 1: Provide role models

Girls and young women need more exposure to STEM role models, female role models and mentorship. Learn more about closing the STEM gap at aka.ms/girls-in-stem.

Insight 2: Generate excitement

Girls who learn about real-world STEM jobs and how they can be used to help the world, their perception of the creativity and positive impact of STEM careers can more than double.

Insight 3: Provide hands-on experience

Middle school girls who participate in STEM clubs/activities are more likely to say they will study STEM subjects in high school.

Insight 4: Provide encouragement

Girls who participate in STEM clubs/activities are 46% more likely to say they understand the jobs they could have and things they could do with STEM knowledge.

Insight 5: Encourage a growth mindset

Girls who are encouraged in STEM by a parent are 81% more likely to say they will study computer science in high school than girls who haven't been encouraged.

Learn more about closing the STEM gap at aka.ms/girls-in-stem-research.

Girls and young women are still less likely to pursue education and careers in science, technology, engineering and math (STEM) compared to their male counterparts. Our latest research indicates that we can close this gender gap by connecting STEM to real-world people and problems, tapping into their desire to be creative, and providing encouragement—at home and in the classroom.

Learn more about closing the STEM gap at aka.ms/girls-in-stem.