

# Why Should Girls Learn to Code?

Technology is constantly on the rise, leading to an increase in demand for software engineers. This makes it necessary to equip children, and especially girls, with coding skills. Even as the percentage of women engaging in Science, Technology, Engineering, and mathematics dropped for the last two decades, girls should not turn their backs on tech. Girls learning to program is certainly not a new phenomenon.

For example, Afghanistan recently registered their first female coders who designed a video game. However, programming around the world is not anywhere popular with girls as it should be. That said, below are the reasons why girls should focus more on coding.

## Coding Helps Girls Improve Problem Solving and Academic Performance

Coding and software engineering, in general, is all about problem-solving. As such, getting girls to code will help them improve in a plethora of educational topics, including mathematics, creativity, and writing. The computer programming sequence starts from the beginning, mid-section, and definitive end. Coding comes with a unique language, where every alphabetical order represents a special formula. The entire coding process helps girls/women develop their English language skills while visualizing abstract concepts that they can apply mathematical problems to real-life situations.

## Coding Puts Girls Ahead of the Curve

The current world of tech is significantly shaping how people live and interact in the future. Even in the current era, computer-literate people are poised for success more than the illiterate are. Programming is currently necessary for every department, from cars, video games, medicine, airplanes, and space exploration. Just like reading, writing, and arithmetic are the key to education, it is prudent to ensure that girls learn to code as well.

## Coding Eliminates Pay Gap

According to recent statistics, STEM fields take up the [top ten highest paying college courses](#). Similarly, research done by the [American Association of University Women](#) uncovered that male and female coders earned the same salary one year after graduation. As such encouraging girls to venture into programming increases their chances of landing in well-paying job opportunities.

A [catalyst report](#) also concluded that women in STEM jobs earned 35% more than women working in non-STEM jobs and 40% more than men working in non-STEM jobs. These financial benefits of learning to code for girls will ultimately lower the pay gap between men and women while boosting the average females' pay significantly.

Additionally, girls who learn to code are better positioned to keep pace with their male counterparts in the workplace. With coding being among the fastest-growing fields, girls who code become part of the larger job market.

## It Opens Up a World of Possibilities

The absence of enough female programming experts limits various kinds of innovation. Without a doubt, women make up the majority of purchase decisions. The applications and products that women use make it necessary to bring female product designers and their perspectives onboard. Coding equips girls with the knowledge required to create websites and applications that complement various global needs.

## How to Get Girls Interested in Coding

One of the major reasons why there are few girls with interest in programming is the major opinion that coding is a reserve for boys. While a girl that code can help people dispel such ideas, getting them to learn coding can be challenging. Below are some tips to help them gain some interest in coding.

- Introduce them at a young age – girls who start coding at a younger age are more likely to develop some passion for it. Fortunately, you can find various coding classes suitable for girls aged above 7.
- Ignore toy stereotypes – most parents often buy toys based on their kids' gender. However, you should avoid this stereotype and buy your girls' toys initially thought to be of the male gender. Toys aligned with engineering and science kits are good examples.
- Find a role model – introduce your girl to women who work in the tech industry. As she grows, get them to talk more about career options and ways to achieve their dreams. Young girls should have strong female role models and mentors they can look up to.

- Enroll them in a coding camp – getting your girl to a starter coding course is another best way to Kickstart her coding career. With time, your girl will see the potential career opportunities and the much she can gain, both educationally and [financially](#), after attending a coding bootcamp.

## Introduce Girls to Coding Today

Without a doubt, the current world relies heavily on technology, and the demand for coders/programmers is on the rise. Feminism aside, introducing your girls to coding shouldn't be taken as an experiment or a good idea. Teachers and parents alike should provide the necessary foundation and the right education to girls interested in coding to help them benefit from unlimited opportunities in the future.