


WOMEN IN STEM



WOMEN IN STEM

MELISSA SARIFFODEEN

Critical Coding Skills

Sariffodeen is co-founder and CEO of Canada Learning Code. Her organization teaches digital literacy to women and girls, so they can rock the fast-paced world of technology.

Ingenium is committed to encouraging and empowering women and girls in science, technology, engineering, and math. Learn more at: ingeniumcanada.org/womeninstem/

ingenium Canada

CONCEPTS AND CONNECTIONS

Many people do not know how important women were in creating and advancing computer science. Ada Lovelace wrote the first computer algorithms and the first “computers” were often groups of women. The film ‘Hidden Figures’ showed how African-American women played a critical role in getting Americans into space for the first time.

Did you know?

American computer scientist Margaret Hamilton is credited with creating the term ‘software engineering.’*

Grades 4-6	Grades 6-8	Grades 9+
<p>Equity: Equity means giving people what they need, versus equality, whereby all people are treated the same thing regardless of different needs.</p> <p>How is the shortage of women in computer science linked to a lack of equity?</p>	<p>Equity: Equity means giving people what they need, versus equality, whereby all people are treated the same thing regardless of different needs.</p> <p>How is the shortage of women in computer science linked to a lack of equity?</p>	<p>Equity: Equity means giving people what they need, versus equality, whereby all people are treated the same thing regardless of different needs.</p> <p>How is the shortage of women in computer science linked to a lack of equity?</p> <p>What factors can explain the persistent inequitable status of women in computer science and technology?</p>

* References:

Hango, D. W. (2013). Gender differences in science, technology, engineering, mathematics and computer science (STEM) programs at university. Statistics Canada= Statistique Canada.