WOMEN IN STEM

CONCEPTS AND CONNECTIONS

Scientists today are tackling some of the biggest challenges that our world has ever seen. To address problems like food and water security, energy shortages, or disease control, it is important to be innovative. **Ann Makosinski** started designing inventions in high school, eventually creating the Hollow Flashlight that is powered by the heat of the human hand.

Did you know?
Love wifi? You can thank Hedy Lamarr, the inventor and actress who starred in films while laying the foundations for wireless communications*.

Grades 4-6	Grades 6-8	Grades 9+
Innovation: Innovation involves being creative and useful while solving problems. What are some examples of innovation in science and technology?	*Innovation:* Innovation involves being creative and useful while solving problems. What are some examples of innovation in science and technology? What innovations or inventions were created by women? What about Canadian women?	*Innovation:* Innovation involves being creative and useful while solving problems. What are some examples of innovation in science and technology? What innovations or inventions were created by women? What about Canadian women? How might scientific innovation by impacted by a lack of women in STEM? How might greater diversity benefit scientific innovation?

* **References:**
Durack, K. T. (1997). Gender, technology, and the history of technical communication. Technical Communication Quarterly, 6(3), 249-260.