

# NOTABLE WOMEN IN TECH SOLITAIRE

HOW TO CREATE, INSPIRE, AND ENRICH

**The Women in Science, Technology, Engineering, and Math (STEM) card deck contains:**

- **52 Female Cards**
- **6" x 4.5"**
- **Picture of Professional Woman**
- **Short Bio of Achievements in Her Field(s)**

## BENEFITS

- Fun
- Colorful
- Keep Lesson Planning FRESH
- Help Students Keep Interest
- Visual Aid During Class or Discussions

## 1) BRAINSTORM!

Use the cards as a brainstorming tool! You can ask students to think of an example of a woman working in STEM and share their ideas with the class.

EXAMPLES!

### Writing prompts

Randomly pick a card and ask students to write about her, her achievements, and/ or field of STEM.

### Mini-Biographies

Assign different cards to students. Have them research the professional that they receive and write mini biographies.

## 2) CONNECT!

Connect the cards to your existing curriculum. Use them as a reference for when students need extra help with a topic or concept!

EXAMPLE!

**Lesson on Electricity**

**Use a card that shows the accomplishments of one notable female scholar in the field of Physics who researched how circuits work and how capacitors store electric charge.**

### 3) DEVELOP!

Create and develop SMART lesson objectives

- Specific
- Measurable
- Attainable
- Relevant
- Timely

## LINKS!

### [FreeCell Solitaire](#)

Typical FreeCell layout containing all 52 cards placed face up. Great for finding an example card to show students as the FreeCells allow you to sort through the cards.

### [Notable Women in Tech Solitaire](#)

Traditional solitaire layout with deck in the top left corner and the goal of gathering all the cards of the same suit together

## How to use SMART to develop a Women in STEM-themed card deck lesson plan:

### EXAMPLE SMART Lesson Objective:

Students will analyze the role of women in STEM careers

**SPECIFIC:** Only Women in the field of Physics will be considered

**MEASURABLE:** Students will identify one way women are underrepresented in STEM careers (e.g., low numbers of women vs. men w/degrees)

**ATTAINABLE:** Students will evaluate 3 ways women can increase their representation in STEM careers (e.g., leadership opportunities)

**RELEVANT:** Activity relates directly to students' interests and learning goals. It addresses why they should care about women's participation in STEM & how they might try to increase it

**TIMELY:** This activity can be completed within a short time (e.g., one week), allowing students to finish it before moving on to other activities or lessons on this topic