

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