Establishing Mentoring Pipeline of Women through Education and Research in STEM

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Establishing

Mentoring

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Of

Women through

Education and

Research in

STEM

TECHCONNECT
WEST VIRGINIA

WVSU
1891

TECH

NASA
WEST VIRGINIA SPACE GRANT CONSORTIUM

CLAY
CENTER

RCBI
ACCELERATE FORWARD

NCWIT
Aspirations in
COMPUTING

WOMEN&
TECHNOLOGY
A FORMULA FOR SUCCESS.

Ambassadress Program

NCWIT Aspirations in COMPUTING

GIRLS

Girls Interested in Rapidly Learning Software

W⁴V Program

Wise **W**onderful **W**omen of **W**est **V**irginia

Rocket Girls

- This project promotes interest in STEM through hands-on, stimulating and age appropriate activities from a curriculum designed by MIT Edgerton Center:
- Objectives:
  - To increase the number of girls interested in the fundamentals of rocket flight and how amateur model rocketry can be used as a starting point to practice skills and techniques for building larger rockets, while gaining fundamental engineering and science knowledge.
  - To provide a safe and empowering space for the campers to develop growth mindsets through the practice of the Engineering Design Process.
  - To provide a club that extends the learning opportunities and strengthens the relationships formed at camp.

Rocket Girls

- Two Summer Sessions: 2018-2019
- Total Participants: 36
- 66.7% of Students Reported that this camp increased their interest in Rocketry
- 72.2% reported they were not confident about building rockets before the camp
    - 100% reported that they were confident in building rockets after attending camp

https://empowersusa.org/