



YOUNG MEN AND WOMEN IN CHARGE
FOUNDATION, INC.

Workshops

Workshop 13

The focus of Workshop 13 was to review the scores Scholars received from the judges at the Science Expo. Scholars were handed the rubric used by the judges to score their presentation and had the opportunity to review their scores in each category. Each of the categories was scored out of 10 using half-point measures, and the Scholars had the opportunity to read the judges' comments. Scholars discussed how they could use this feedback to improve their presentations for next year's Science Expo and score even higher! There was also time for Scholars and families to provide feedback on the Science Expo as a whole and for Project Coordinators to review best practices for milestone submissions.

Workshop 14

For Workshop 14, the Phoenixville, Coatesville, and West Chester Chapters traveled to the West Chester University of Pennsylvania (WCU) campus where they met up with other Chapters in the region for a joint Workshop. Scholars participated in the STEMersion Workshops conducted by WCU's Math and Science Department faculty and engaged in hands-on investigations across various STEM fields. Each grade level was assigned a different area of focus which included Artificial Intelligence, How the Human Body Operates with Prosthetics, or Bias in Decision Making. Throughout the workshops, Scholars conducted a variety of interactive activities, including:

- Measuring Respiratory Rates before and after exercise to understand physiological responses
- Modeling Radar Mapping Techniques used to study the surface of Venus
- Exploring Vision Science, including how the human eye focuses light onto the retina to produce images
- Investigating Chemical Reaction Rates, observing both heat-induced explosions and the effects of extreme cold using liquid nitrogen



Coatesville, Phoenixville, and Upper Darby Scholars reciting the Credo at Workshop 14



YMWIC Scholars and WCU staff member engage in a workshop activity

Workshops

- Examining Bioelectricity, learning how electrical signals control muscle movement and how this knowledge can be applied to prosthetics

These experiential workshops provided students with an immersive, hands-on experience that deepened their understanding of real-world STEM applications. Parents and Guardians who accompanied their Scholars to WCU met to discuss the upcoming Program updates, 15th Annual Banquet and fundraising efforts, and the YMWIC Summer Enrichment Programs.



Mrs. Janis Bady, Upper Darby Project Coordinator, speaking to Phoenixville, Coatesville, and Upper Darby families during the parent meeting at Workshop 14.