

Women in Physics

QUICK REFERENCE GUIDE

Help students **examine the conditions for women in physics** and **discuss gender issues** with respect to famous physicists, gendered professions, and personal experience to **neutralize the effect of stereotypes and bias**. Students participate in an interactive presentation by the teacher, in which data about women in physics around the world are discussed. The role of culture and society are considered.

1. Students complete a pre-assignment including an internet search for physicists, reading 2 biographies of historical & modern physicists, and completing a reflection.



4. **CRITICAL COMPONENT:** Students voluntarily contribute their own experiences with gender bias and synthesize conclusions in a discussion with the entire class.



2. **CRITICAL COMPONENT:** Guidelines for Classroom Discussion are introduced or referenced.



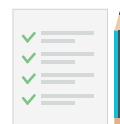
5. Students come up with strategies to support diversity in physics and are asked to enact the best strategies proposed.



3. Students participate in an interactive presentation, during which the teacher shares data on women in physics around the world and the class discusses the role of unconscious bias, society & culture.



6. Students complete a reflection on their views after the class discussion



Learn more at STEPUPphysics.org and register to access instructional support and discussion boards.