

Great Science for Girls Curricula Comparison Chart

Great Science for Girls offers a menu of evidence-based curricula for afterschool programs. These curricula have demonstrated their ability to meet our guidelines and deliver positive outcomes and success in stimulating girls' interest in STEM subjects and instilling self-confidence in their abilities.

Curriculum	Target Age	Content and Setting	Training	Cost	Other
After-School Science PLUS (AS+)	Ages 6-14	<ul style="list-style-type: none"> Hands-on, inquiry-based physical science Includes diverse role models, literacy connections and career education information Appropriate for a variety of settings; afterschool, summer or other informal learning environments 11 activities; times vary with activity (45-90 minutes) 	<ul style="list-style-type: none"> Not required, but fee-for-service professional development is available Implementer's Planning Guide available 	<ul style="list-style-type: none"> AS+ Activity Guide and Planning Guide: \$49.95 (Activity Guide: \$29.95) Materials are low-cost, easily acquired and culturally familiar 	<ul style="list-style-type: none"> Dispels stereotypes about who can do science; creates opportunities to see science in everyday experiences Provides positive role models of female & male scientists from diverse backgrounds Parent letters in English and Spanish
Afterschool Universe (AU)	Ages 11-14	<ul style="list-style-type: none"> Explore the universe beyond the solar system Appropriate for a variety of settings; afterschool, summer or other informal learning environments 12 sessions; 45-60 minutes per session 	<ul style="list-style-type: none"> Required 2-day training session before implementation 	<ul style="list-style-type: none"> Leader manual is free with required training Materials are low-cost, and easily-acquired 	<ul style="list-style-type: none"> Activities are performed "in the real world" and do not require the use of a computer
Girls at the Center (GAC)	Ages 6-10 and Ages 9-14	<ul style="list-style-type: none"> Community and museum-based workshops that foster active science investigation Appropriate for a variety of settings; afterschool, at-home science activities, special family events Six standards-based science themes in guidebook 	<ul style="list-style-type: none"> Not required, but fee-for-service professional development is available 	<ul style="list-style-type: none"> GAC Guidebook can be ordered on-line, \$23.95 Materials are low-cost, and easily-acquired 	<ul style="list-style-type: none"> Unique opportunities for girls to learn and practice problem-solving, independent thinking, and leadership Available on the Web in Spanish/English
Girls Inc., Operation SMART	Ages 5-18	<ul style="list-style-type: none"> SMART = Science, Math and Relevant Technology Designed for use in collaboration with a Girls Inc. affiliate, with all-girl groups during or after school, and in the summer 	<ul style="list-style-type: none"> Offered through network of 1,500 sites, facilitated by trained professional staff 	<ul style="list-style-type: none"> Costs vary. Please contact your local Girls Inc. for information. 	<ul style="list-style-type: none"> Girls interact with STEM professionals, as well as afterschool professionals and volunteers, to discover the science all around them
SciGirls	Ages 8-13	<ul style="list-style-type: none"> Empowers PBS outreach professionals, science museums, and afterschool providers to deliver hands-on science and career guidance to girls Appropriate for afterschool 	<ul style="list-style-type: none"> Not required; activities are user-friendly; easy to follow 	<ul style="list-style-type: none"> Activities and videos are free to download or stream online 	<ul style="list-style-type: none"> Based on existing standards-based DragonflyTV outreach resources English/Spanish activity guide available
Techbridge	Ages 10-18	<ul style="list-style-type: none"> Hands-on projects, career exploration opportunities, academic and career guidance Sample curricula: Green Design, Toy Design/Engineering, Electronics, Circuitry Appropriate for variety of informal learning settings 	<ul style="list-style-type: none"> Training is offered for each of the curriculum units for a fee 	<ul style="list-style-type: none"> All materials can be ordered, ranging between \$500 -\$1,000 	<ul style="list-style-type: none"> Also offers professional development for teachers, role models and partners
Wonderwise 4-H	Ages 8-12	<ul style="list-style-type: none"> Lessons promote hands-on inquiry, diversity and collaboration, encourage development of science skills, and provide STEM role models 9 themes, each containing 5 activities Videos of scientists and science activities 	<ul style="list-style-type: none"> Not required nor available outside of 4-H organizations 	<ul style="list-style-type: none"> Activity books are available free online Kits are \$39.95 per theme (incl. DVD, CD-ROM, activity book) 	<ul style="list-style-type: none"> Creates a positive image of scientists who are women from different backgrounds Connect science activities to real research English/Spanish available



For more information about these curricula, please visit <http://www.edequity.org/gsg/curriculum>

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