



What Does a Scientist Look Like?

STEM careers are for everyone! Help your female learners envision themselves as the engineers, mathematicians and scientists of tomorrow with this simple and important activity.

Between the years 1966 and 1977, over 5,000 drawings of scientists made by girls were collected. Only 28 (0.56%) of them depicted female scientists. She states that over 80 similar studies with more than 20,000 participants were conducted since then. And by 2016, a whopping 58% of scientists drawn by girls were females (Terada, 2019.)



HANDS-ON STEM EDUCATION

For over 30 years, PCS Edventures has inspired students to develop a passion for Science, Technology, Engineering and Mathematics (STEM), focusing our efforts on making learning and discovery a fun and interactive process for grades K-12.

- Classroom
- After-School
- Home Learning

What Does a Scientist Look Like?

Materials:

- Printed Worksheet
- Pencils
- Crayons, markers, or other coloring supplies (optional)

Step-By-Step Instructions

1. Distribute the worksheet to your students. Ask them to draw a scientist and respond to the prompts.
2. Conduct a Think, Pair, Share:
 - What did you include in your drawing?
 - How are your drawings/responses similar and different from your partners?
3. Take a quick class poll: **How many of us drew pictures of women? Men?**
4. Discuss the results as a class.
 - Ask: **Why is it important that both men and women pursue STEM careers?**

References:

Terada, Y. (2019, May 22). 50 Years of Children Drawing Scientists. Retrieved from <https://www.edutopia.org/article/50-years-children-drawing-scientists>

What Does a Scientist Look Like?

Draw a scientist in the space below.

List 3 **personality traits** a scientist should have:

1. _____

2. _____

3. _____

What makes someone a scientist?

BrickLAB STEAMventures

3 themed collections designed to give young learners positive STEAM experiences.



BrickLAB STEAMventures enriches K-1 or 2-3 grade learning no matter the environment it's introduced in! As a **student-driven** kit containing manipulatives, grade-appropriate curriculum and optional **extensions**, this program hinges around **family engagement** and a **STEAM**-themed activity book brimming with **multi-subject** integration.

Same Bricks, 3 Activity Book Collections





For more information, visit: <https://edventures.com/collections>
or contact a STEM Program Specialist at (800) 429-3110

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Experts in Hands-On STEM Education

