

Research a prominent, well-known professional from the STEM field.

- Complete the research and writing prompts.
- Create a profile to introduce your individual to the class.

# Prominent Individuals in STEM

Grade Levels: 3-5

## 1 Select a prominent STEM professional.

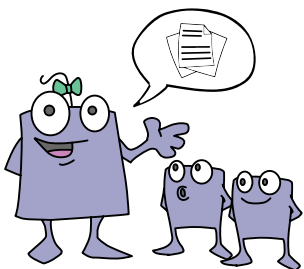
See the list on the right for a sample of prominent mathematicians, scientists, and technologists to choose from. There are many more that could be added to this list.

## 2 Research your prominent STEM professional.

Research should include the following:

- ✓ **Vital statistics**
- ✓ **Education**
- ✓ **Interesting facts/events**
- ✓ **Contributions to STEM**
- ✓ **References**

## 3 Present your individual to the class



### Presentation Ideas

- ✓ **Performance:** Dress up as the person you selected. Tell your life story in a creative manner. (Hint: Use props/scenery)
- ✓ **Visual:** Create a visual that tells the story of the person you researched. Different parts of the visual should reflect different aspects of the individual's story.
- ✓ **Technology:** Create a technical presentation with pictures, maps, words, symbols, etc. that tell the story of the person you researched.

**Sally Ride**, American astronaut and physicist

**Ada Lovelace**, English mathematician, computer programmer, and writer

**Jane Goodall**, English primatologist and anthropologist

**Marie Curie**, Polish and naturalized-French physicist and chemist

**Henrietta Swan Leavitt**, American Astronomer

**Katherine Johnson**, American mathematician

**Tadashi Tokieda**, Japanese mathematician

**Maryam Mirzakhani**, Iranian mathematician

**Srinivasa Ramanujan**, Indian mathematician

**Kelly Miller**, African-American mathematician, sociologist

**Lai-Sang Young**, Hong Kong-born American mathematician

**Stephanie Wilson**, American engineer and a NASA astronaut

**Stephen Hawking**, English theoretical physicist, cosmologist

**Benoit Mandelbrot**, Polish-born, French and American mathematician

**Nikola Tesla**, Serbian-American Inventor

**Hedy Lamarr**, Austrian-born American film actress and inventor

**Ronald McNair**, American astronaut and physicist

**Dorothy Vaughn**, American mathematician and programmer at NASA

**Jean Springer**, American mathematician

**Esther Okade**, Nigerian child-prodigy, studying mathematics at university in Britain

**Alan Turing**, British mathematician

**Víctor Neumann-Lara**, Mexican mathematician

**Muhammad ibn Mūsā al-Khwārizmī**, Persian mathematician and father of algebra

**Hannah Fry**, British mathematician and popularizer

**Concha Gómez**, Cuban mathematician

**Margaret Hamilton**, American computer scientist and NASA programmer.

**Hypatia**, Greek mathematician

**Emmy Noether**, German mathematician

**Hee Oh**, South Korean mathematician

**Adrian Scott Duane**, American mathematician

**Thomas F Storer**, Native American mathematician