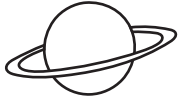
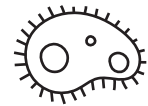


MERRICK®



JENNIFER SPEERS

Merrick Structural Engineer

Lead structural engineer on a 220-foot-tall test stand structure that helps test space rockets for NASA.



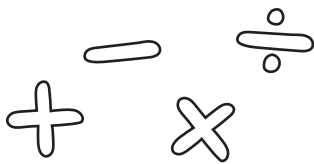
SAMANTHA DITTRICH

Merrick Public Health Expert

Keeping the world safe and healthy by helping countries prevent, detect, and respond to future pandemics.

CELEBRATE WOMEN AND GIRLS IN SCIENCE!

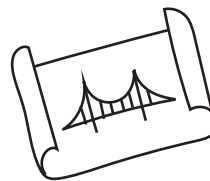
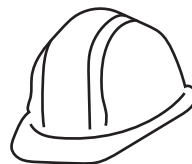
Women and girls continue to shape the world every day with their achievements in the scientific and technology fields. Are YOU the next great scientist or engineer?



HERTHA AYRTON

Engineer, Mathematician, and Inventor

First woman accepted into the Institution of Electrical Engineers and taught the world more about electrical currents.

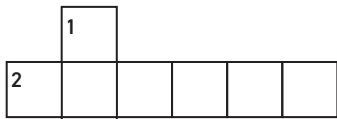


EMILY ROEBLING

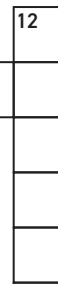
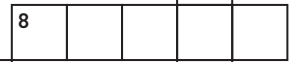
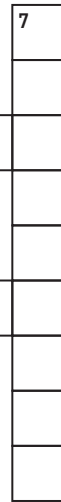
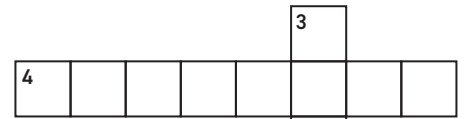
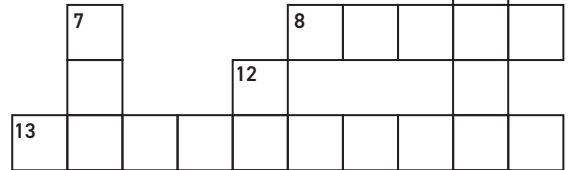
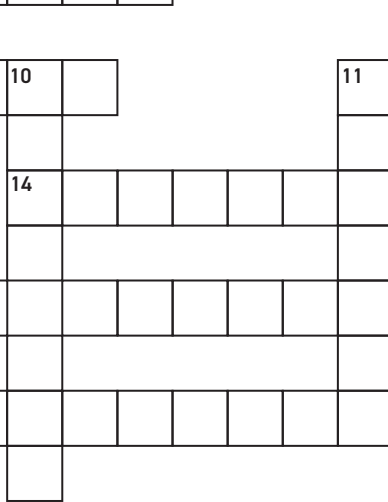
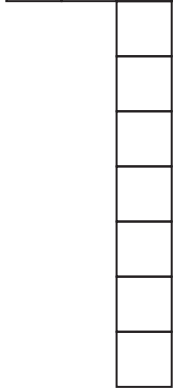
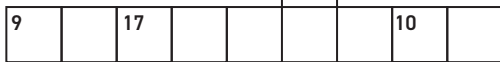
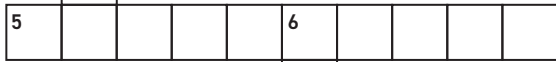
Field Engineer

Responsible for guiding construction of the Brooklyn Bridge, the longest bridge of its type at the time.

CROSSWORD



All science requires is curiosity, imagination, and hard work.



ACROSS

2. Samantha Dittrich is a public ___ expert.
4. Emily Roebling was responsible for the execution of the ___ Bridge.
5. A ___ engineer designs power-producing machines.
8. A ___ engineer designs bridges, roadways, tunnels, pipelines, etc.
9. The study of physical substances and how they change and interact.
13. Jennifer Speers is a ___ engineer.
14. The scientific study of life.
15. A person who studies, or is an expert in, mathematics.
16. A person who studies or works in a field of science
18. The study of earth's physical structure and substance.

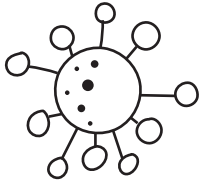
DOWN

1. This type of engineer works on space and air vehicles, facilities, and equipment.
3. Hertha Ayrton was the first woman accepted into the Institution of ___ Engineers.
6. The U.S. government agency responsible for the space program. Hint: Jennifer Speers designed test stand structures for this agency.
7. A person trained to travel beyond the earth's atmosphere into outer space.
10. A ___ engineer is responsible for creating robots and robotic systems.
11. The natural science that studies matter, motion, and energy.
12. February 11 is the International Day of Women and Girls in ___.
17. A person who builds and designs technical equipment, machinery, or structures.

WORDBANK

- | | | | | | |
|------------|------------|---------------|-----------|---------|------------|
| Brooklyn | Structural | Mathematician | Scientist | Geology | Mechanical |
| Electrical | Health | Engineer | Aerospace | Civil | Robotics |
| Science | NASA | Astronaut | Chemistry | Biology | Physics |

WORD SEARCH



W A W F P H F S I U A E P P H Y S I C S
 E N E R T C K O L X P Q Y A N R H Z H T
 G B L O E O A L E G S W Q D S P R C R J
 Z H M D C F C V X C L J B G C W C D O Q
 D F I A H B T I P M E E M K I W U C B B
 E P C O N G Q N E W A D A U E M R I O Y
 S E R W O S Y G R T R U I Y N M I R T B
 I N O X L S I C I B N C N C C A O P I X
 G Y S L O O N O M S I A I R E T S W C C
 N K C K G K V D E K N T T E C H I E S H
 C K O T Y R E I N I G I I A H E T N L N
 A U P E N G N N T L G O A T E M Y G Q H
 E R E A L P T G P L F N T I M A Q I J L
 R C C M Q T I V X S Y S I V I T Y N D G
 O O T W B V O Y B O G C V I S I A E W C
 S E N O H A N K D Y O D E T T C I E W M
 P J Z R D I S C O V E R Y Y R S R R M E
 A E M K N I H N N P T T S Q Y W W I J F
 C C F F G C T T H I N K I N G G Y N D O
 E B U B I S O L U T I O N S V B J G T M



Mathematics

Education

Learning

Solutions

Technology

Teamwork

Solving

Aerospace

Engineering

Robotics

Thinking

Coding

Skills

Invention

Curiosity

Chemistry

Creativity

Science

Experiment

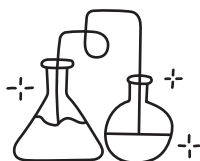
Physics

Initiative

Design

Discovery

Microscope



Science is not just for boys or just for girls. It's for everyone.

ANSWERS

