



KEY FACTS

Born	July 31, 1923 Pennsylvania, United States
Died	June 18, 2014 (aged 90) Pennsylvania, United States
Nationality	American

STEPHANIE KWOLEK

What is she most famous for?

She is best known for inventing Kevlar, a synthetic material that is incredibly strong and is used to make a variety of different objects.

Why is this important?

- Kevlar is 5 times stronger than steel.
- It has a very high strength to weight ratio, so it can be used in objects where steel would be too heavy.
- It is used for bulletproof vests, car tyres, helmets and much more.



Bullet-proof vest

What were her other achievements?

- She was a research scientist, who worked for the DuPont company for over 40 years.
- She received many awards for her work in polymer chemistry.
- In 1995, she became the fourth woman to be added to America's National Inventors Hall of Fame.

Where could your learning take you?

- Could you do some research to find out about other inventors in the Hall of Fame?
- What are your big questions? Could you do some research at home to find answers?
- Use the QR code to find out more about Kevlar.



<http://encyclopedia.kids.net.au/page/ke/Kevlar>

