

# Jeans That Clean The Air



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## Reading

An innovative blend of fashion and science has resulted in the design of a new technology in jeans that cleans the air. Helen Storey, professor of fashion and science at The London College of Fashion, teamed up with Dr Tony Ryan, pro-vice-chancellor for the Faculty of Science at the University of Sheffield, to create what could be a ground-breaking solution to our environmental problems. They discovered that when denim is coated with tiny particles of the chemical titanium dioxide, it reacts with air and light to absorb and break down harmful emissions in the environment. The emissions become harmless and are washed away when the jeans are cleaned. This means we can help clean the air simply by going for a walk.

You can see the whole lesson from your teacher, please ask them to send it to you before the class.

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