

Ready to change the world?

Humans are born inventors – from the first flint tools to artificial intelligence, we've been problem-solving for over 1 million years!

Use this trail and a site map to explore some life-changing inventions from Amberley's collections.

1440 Printing press 5

Problem: Books were too expensive for most people because each one was written out by hand.

Solution: Make a machine to do the writing! The first printing press could print 3,600 pages per day.

Which one of these couldn't be made using a printing press?



Did you know? The letters and pictures on printing blocks are backwards! Find some examples.



Wave your arms like the DANDO turbine and feel the force of the wind!

40 Wind pump 1867

Problem: Dirty drinking water caused horrible diseases like cholera.

Solution: Pump clean water from deep underground using wind power!

Have a think: What would it be like to fetch all your water from a well? This is life for millions of people around the world.

1895 Bicycles 36/42

Problem: Most women were trapped at home while their husbands went out to work.

Solution: Jump on one of these new contraptions to travel to work, exercise and visit friends!

Some women designed their own cycling skirts. You can make this one shorter by pulling a string. Which version would be safer for cycling?



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Ring the bells and find your favourite!

Now turn over and design your own world-changing invention!



My world-saving invention



My name: _____

My invention's name: _____

What does it do? _____

A large, empty orange rounded rectangle with a thick border, intended for drawing or writing about the invention.

New inventions usually draw on other people's work. Who or what inspires you?