

Peter's Railway



Books for children who love trains and engineering

Age range 3 to 90!

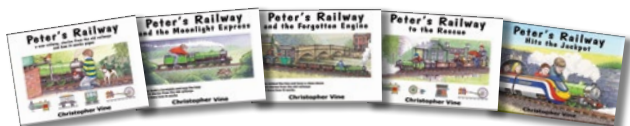


Welcome to Peter's Railway

Christopher Vine's series of 19 books tell the story of Peter and Grandpa building and operating a railway across their farm. Combining real engineering with true stories and adventures, these books feed inquisitive minds!

This booklet gives you more information about the books, a link to our free E-book and has a fiendish Spot-the-Difference puzzle for extra fun!

Books for
Fun and
Learning



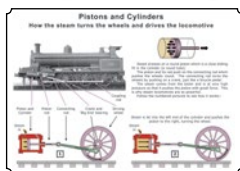
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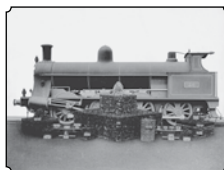
Our free E-book



Story



Technical



History



Adventure

Peter's Railway

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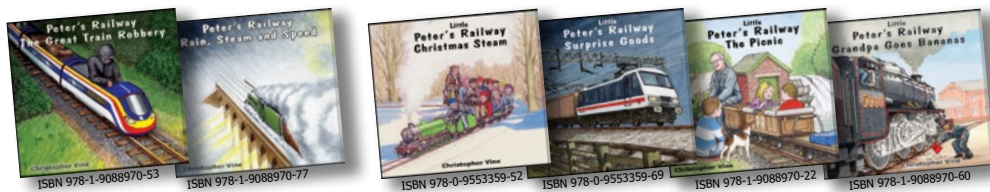
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STORY TECHNICAL HISTORY ADVENTURE

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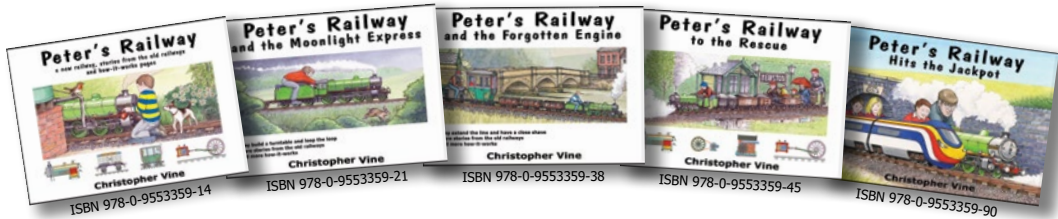
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Little Peter's Railway - Four gentle tales for younger readers, age 3 to 6 years

The original hardback series - stories, adventures and technical pages £11.99



The five hardback books tell the charming story of Peter and his Grandpa building and running their steam railway across the farm. At the ends of chapters are special how-it-works pages with simple (but accurate) explanations of what has been happening in the story. In addition, Grandpa tells some wonderful stories from the old days on the railways. 96 pages, 24 x 17 cm, 30 watercolour pictures, 14 pages of technical drawings. Age 6 to 12 years.

Sample technical pages from hardback series. They cover a huge range of topics.

The Boiler - How the Locomotive Makes its Steam

Chimney Smoke from the fire in the chimney goes up the chimney.

Water level Water in the boiler must be at a certain level. If it drops, the boiler will overheat and explode.

Water level gauge Shows the water level in the boiler.

Safety Valve Allows air down which the steam is under high pressure to escape when the pressure gets too high.

Regulator Valve Allows the steam to flow through the boiler.

Firebox The fire in the boiler is contained in the firebox.

Grates The fuel is burned on the grates.

Flues The hot gases from the firebox pass through the flues.

Smokestack The smoke from the flues goes up the smokestack.

Water level gauge Shows the water level in the boiler.

Water level gauge Shows the water level in the boiler.

Water level gauge Shows the water level in the boiler.

Water level gauge Shows the water level in the boiler.

What is Electricity?

Electricity Electricity is made of tiny charged particles called electrons. They are so tiny that 10 billion of them would fit in the width of one hair. They can flow through a wire and make things work.

Battery A battery is a collection of cells. Each cell has two different metals connected by an electrolyte. The battery produces electricity.

Wire A wire is made of metal. It is used to carry electricity.

Switch A switch is used to turn electricity on and off.

Lamp A lamp is a device that converts electricity into light.

Motor A motor is a device that converts electricity into motion.

Electromagnet An electromagnet is made of a coil of wire wrapped around a piece of iron. It produces a magnetic field when electricity flows through it.

Pistons and Cylinders

How the steam turns the wheels and drives the locomotive

Piston and Cylinder Steam pressure in a small piston which is a close fit to the cylinder wall pushes the piston and the rod which is connected to the crankshaft.

Connecting Rod The connecting rod links the piston to the crankshaft.

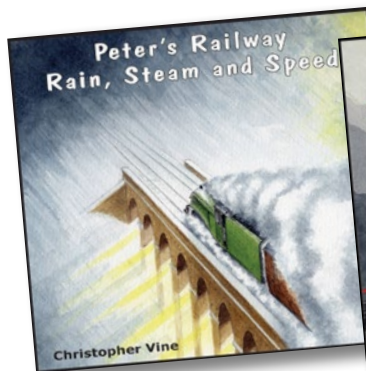
Crankshaft The crankshaft converts the up-and-down motion of the piston into a circular motion.

Wheels The wheels are connected to the crankshaft and turn the locomotive forward.

Valves The valves allow steam to enter and exit the cylinder at the right times.

Exhaust The exhaust is the pipe that carries away the steam after it has done its work.

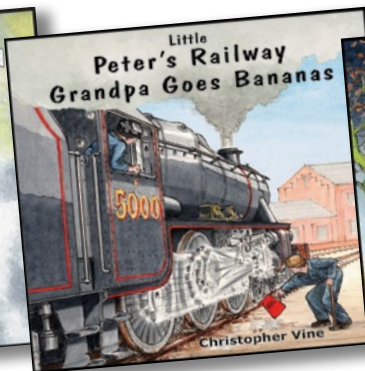
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Rain, Steam and Speed

Caught in a storm, two young girls dry out in a locomotive. Cheekily, they end up stealing the train!

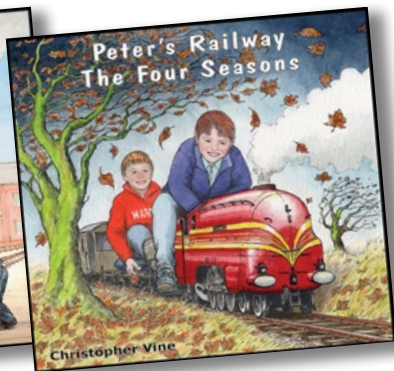
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Grandpa Goes Bananas

Grandpa causes total chaos. The fourth "Little" book for younger readers.

Age 3 to 6 years,
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ISBN 978-1-9088970-60



The Four Seasons

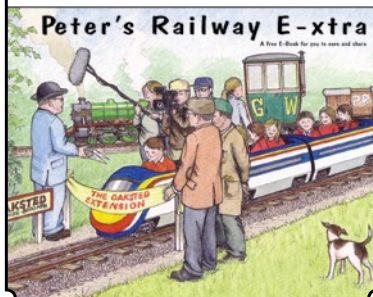
Adventures on the railway through the year. New locomotive, raising money for charity and the Ghost Train Party !...

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BOOKS FOR FUN & LEARNING

FREE E-BOOK

Find out about the background to Peter's Railway. Download at PetersRailway.com

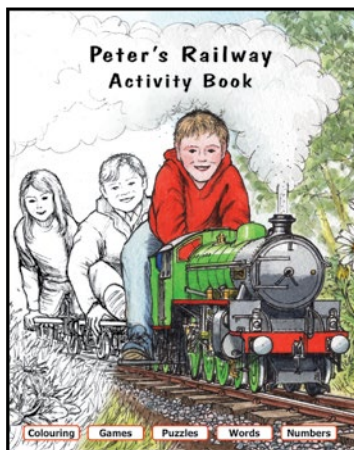


NEW ACTIVITY BOOK

Our new Activity Book is packed full of trains, colouring and engineering puzzles.

Some of the activities are easy, others are more challenging. There's something for everyone: maths, crossword, anagrams, spot the dangers, join the dots, brain teasers, terrible train jokes, and a brand new, fiendishly tricky Spot the Difference!

Age 3 to 90 years!
32 pages, paperback, 27 x 21 cm, **£4.99**
ISBN 978-1-9088973-12



"Tilly, who is only 6, really enjoyed the first book and was spellbound by the engineering pages..."
Chris D.



AUTHOR AND ENGINEER

Chris driving the engine which he built in his workshop

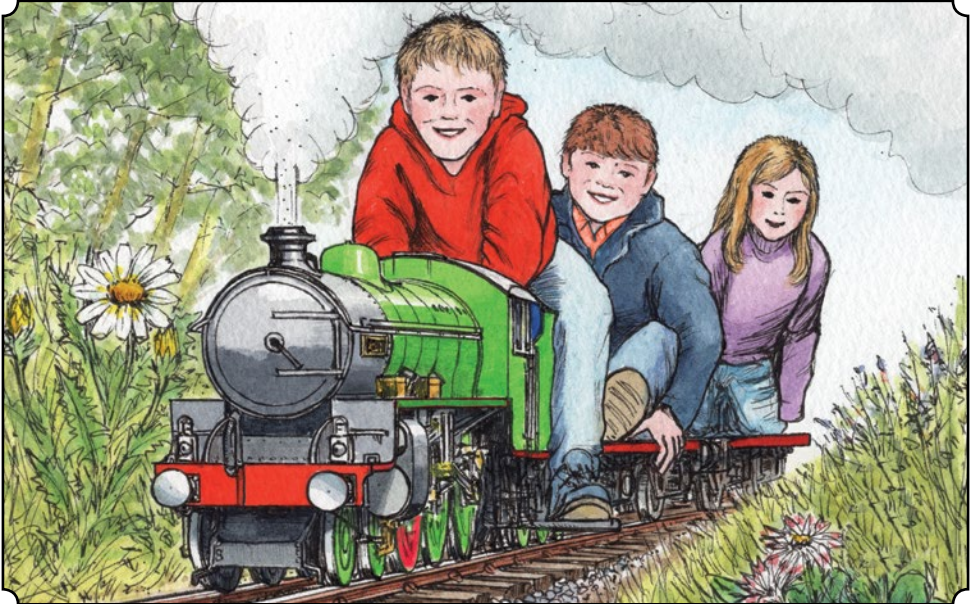
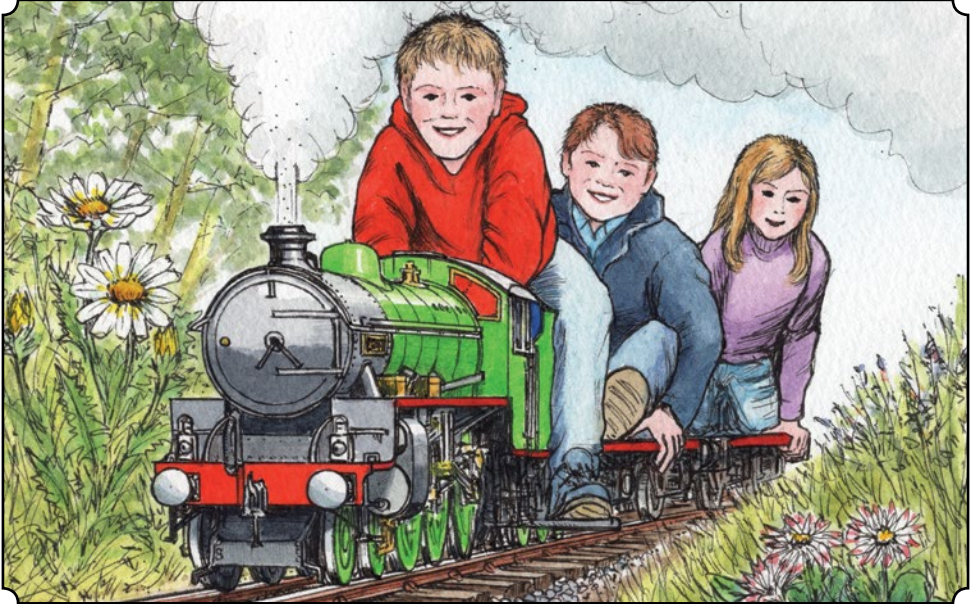
As a Chartered Engineer who trained at Rolls Royce, Chris wanted to share his love and knowledge of railways, science and engineering: Peter's Railway is the result.

For signed & dedicated copies and special offers

PetersRailway.com

BOOKS FOR FUN AND LEARNING

SPOT THE DIFFERENCE WITH PETER !



Can you spot 20 differences in these pictures? Harry is driving Fiery Fox in the book *Peter's Railway - The Four Seasons*.

Some are easy to see, others are very hard! There is a secret web page which shows all the differences by flashing one image over the other so your brain can 'magically' see them.

PetersRailway.com/spot3