

This story is from page 5 of *First News*. Can you match the key words in the story to their meanings? When you have identified each word, can you put them back into their correct place in the story, so it makes sense?



HERE COME HYDROGEN TRAINS

The world's first hydrogen train began picking up passengers in Germany back in September 2018

ALL aboard! Trains powered by zero-_____ hydrogen gas will begin rolling out across the UK from 2021.

When _____ is burnt it creates heat but, unlike petrol, the _____ only creates steam and water as _____. The trains are almost silent, too. In the next three years, more than 100 trains will be _____ to be powered by the gas.

Until now, the UK's railway system has been steadily turning electric. However, the Department for Transport has agreed to the new hydrogen trains, because it allows train operators to scrap their polluting _____ trains without having to build expensive overhead power lines, which are needed by electric trains.

Andrew Jones, the UK's rail minister, said: "Hydrogen train technology is an exciting _____ which has the potential to transform our railway, making journeys cleaner and greener by cutting _____ emissions even further."



emission

The chemical formula for carbon dioxide (noun)

innovation

This exists, under normal conditions, as a colourless, odourless, tasteless gas (noun)

by-products

Substances that can take lots of different forms and occur naturally, but can be made artificially (noun)

CO₂

A heavy petroleum fraction used as fuel (noun)

converted

Adapted; changed (past participle)

hydrogen

New idea; new method (noun)

diesel

Something that is produced during the making of another product or process (plural noun)

chemical

The production and discharge of something, especially gas or radiation (noun)