

Here is a news story from page 5. Read the story, and then try the puzzle. To help you, we have underlined the answers to the crossword puzzle clues in the article itself – but you will need to match the correct word with each clue!



**BIG NEWS**

# SAY HELLO TO HYDROGEN TRAINS!

**ALL aboard! Trains powered by hydrogen gas will be in use throughout the UK from 2021.**

New trains that run on hydrogen will be better for the environment than our current trains that are powered by diesel. When diesel is used as a fuel it produces harmful pollution. Amazingly, when hydrogen is used as a fuel it produces only water! The trains are almost silent, too.

These new trains are being built by a French company and some are already in use in Germany.

Until now UK railways have been replacing dirty old diesel trains with electric ones. But using hydrogen locomotives is an even better idea because rail companies won't need to spend money building expensive overhead power lines.

The government minister in charge of the railways says that hydrogen trains are “an exciting innovation” that will make rail travel “cleaner and greener”.

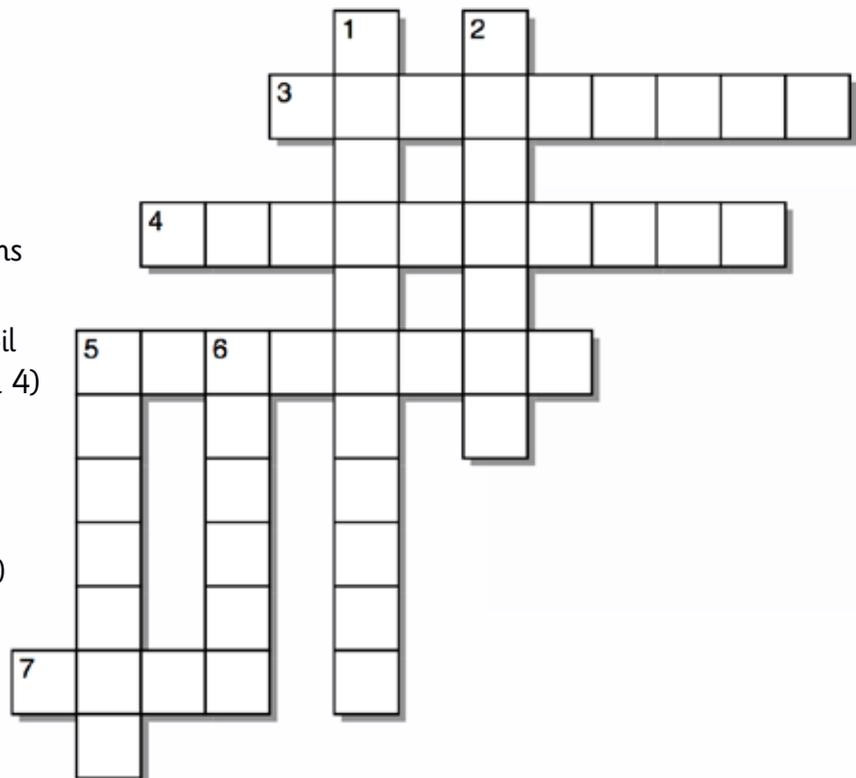


**ACROSS**

- 3. This happens when our environment (our air, water and land) are harmed by waste and chemicals (noun 9)
- 4. New idea (noun 10)
- 5. This gas will be used to power the new trains (noun 8)
- 7. Something such as hydrogen, coal, gas or oil that is burned to produce heat or power (noun 4)

**DOWN**

- 1. The parts of trains, where the engines are, which pull the carriages along (plural noun 11)
- 2. Less dirty; more green and better for the environment (adjective 7)
- 5. Bad; dangerous; toxic (adjective 7)
- 6. Oil, like petrol, that you can use to power a train (noun 6)



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