

Design the Bicycle of the Future!

As the world runs short on fossil fuels such as coal, oil and gas, human power may become more and more important in the years to come. Cycling is enjoying a surge in popularity and this looks set to continue into the future. But what will the bikes we ride fifty years from now look like?

Will they still look similar to the bikes we use today?

Or will we have found a different way to harness human power?

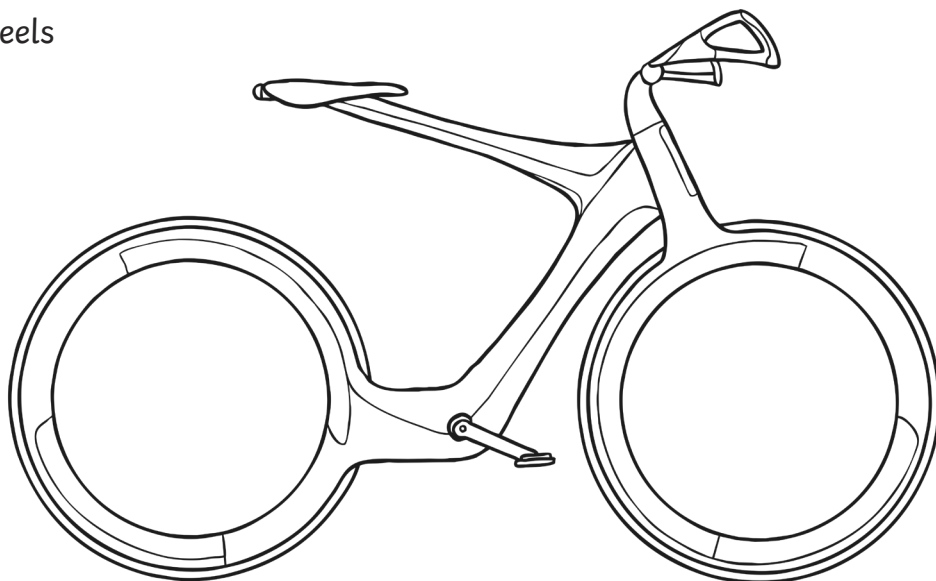
What technology will the bikes feature?

How many wheels will they have? They could be tricycles or even quadcycles!

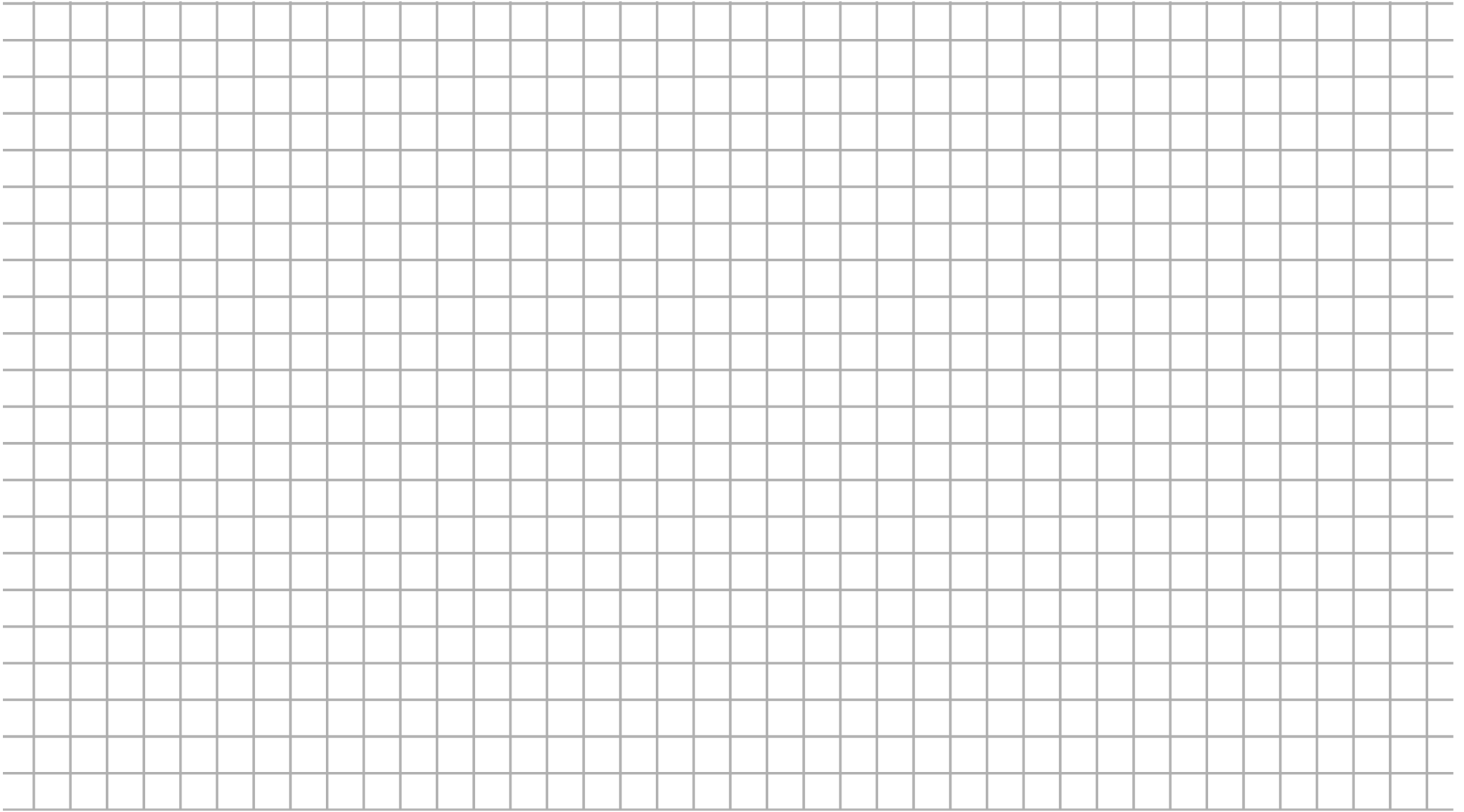
Your bike must be capable of being propelled entirely by human power, but everything else is up to you! Try an online search using 'bicycle of the future' for some inspiration and then do some practice sketches until you settle on your final idea. Once your idea is clear in your mind proceed straight to the design page. Don't forget to use a ruler so your intentions for the bike are clear.

This bike, designed By Chris Boardman - a former GB gold medal cyclist – has the following features:

- Non-puncturable tyres
- Fingerprint operated
- security system which means it is impossible to steal
- Spokeless wheels



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A large grid of graph paper, consisting of 20 columns and 20 rows of small squares, intended for drawing a bicycle design.