

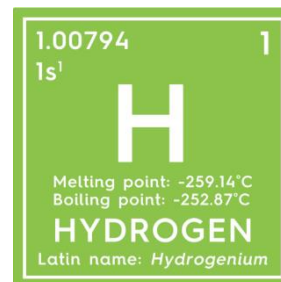
Hydrogen – Student Worksheet



Properties of Hydrogen

1. List two advantages of using hydrogen:

- _____
- _____



2. How was hydrogen used for transport before the year 2000? _____

3. What is the main way of producing hydrogen today? _____

4. Outline another way that hydrogen can be produced: _____

Difficulties to Overcome

5. What are the safety concerns with hydrogen use? _____



6. Why are hydrogen fuel cells helpful? _____

7. What are the options for hydrogen production without fossil fuels? _____

8. Why is the low density of hydrogen a problem? _____

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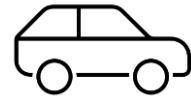


9. List two ways that hydrogen is stored _____

10. Why do we need international standards for hydrogen fuel? _____

Future of Hydrogen Use

11. Are all cars likely to be fuelled by hydrogen in the future? Explain your answer. _____



12. Outline some potential future uses for hydrogen. _____

