

Toy car and magnets

This task is about magnetism.



A bar magnet has been glued to the top of this toy plastic car.

a) What would happen if another bar magnet was moved towards it as shown in the diagram?

The toy car would:

- | | | | |
|--|--------------------------------------|---------------------------------------|--|
| <input type="radio"/> stay where it is and not move. | <input type="radio"/> move forwards. | <input type="radio"/> move backwards. | <input type="radio"/> turn around towards the magnet being held. |
|--|--------------------------------------|---------------------------------------|--|

b) Why was a plastic car used in this experiment and not a metal car?

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