

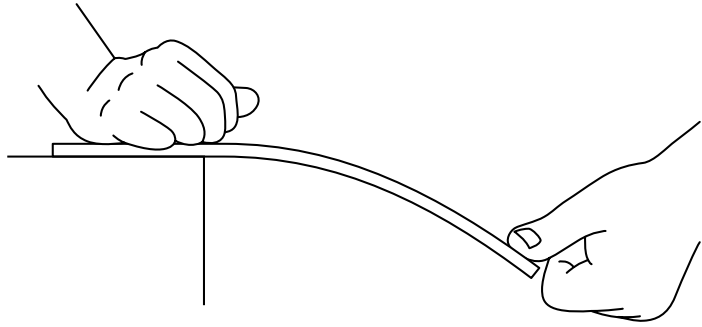


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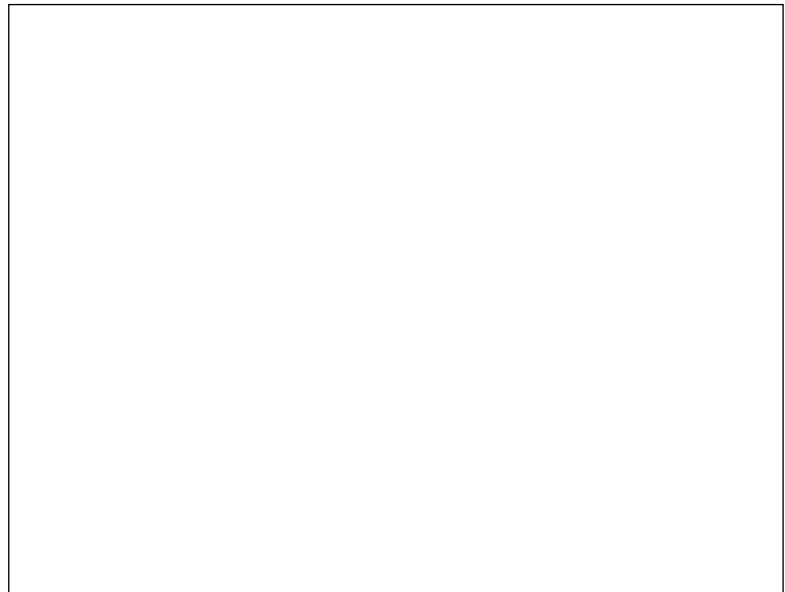
See pages 8 and 9 of *Springs and magnets*

Flat springs

Flat pieces of material and long pieces of wire can be used as springs.



Q1. The picture shows someone holding down the end of a ruler. In the box, draw what happens when the hand is taken away from the end of the ruler.



Q2. (i) Think of a piece of stiff plastic sheet held up with books at its corners. What happens to the plastic if you put some light weights in the middle of it?




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(ii) What happens to the sheet of plastic when you take the weights off?



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Q3. What are flat springs called? 

Q4. Name two types of vehicle which have flat springs.



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Q5. What material is used to make flat springs in vehicles? 

Q6. Why do you think springs are used in vehicles?



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