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Energy transfer and waves. Waves are vibrations that transfer energy from place to place without matter (solid, liquid or gas) being transferred. Think of a Mexican wave in a football crowd - the ...

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Energy cannot be created or destroyed, only converted from one form to another. These conversions can be shown in Sankey diagrams. Efficiency is a measure of how much useful energy is converted.

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Long waves diffract more than short waves. Energy and waves: Waves transmit energy. The greater the amplitude the more energy is transferred. Frequency, (f) the number of waves per second. Frequency is measured in hertz (Hz). Frequency, (f) number of waves produced or passing a point per second. (Hertz or Hz) Law of reflection

[Waves - Mrs Physics](#)

A mixture of resources I use for this unit. Some I have made and some have been reworked. All credits are given within the actual documents. I cannot take any credit for this work and other resources that are reworked originals. All these are also credited within the documents themself.

[Waves unit | Teaching Resources](#)

Year 9 Exam – Physics ... Give the name of the part that is the energy source for the circuit. 1 mark . Page 4 of 19 (c) Fred then made circuit 2 as shown below. In the table below, tick a box to show whether ... The diagram shows a wave in a 'slinky' spring.

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