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## Science of toys - Science by Doing

Posted by [ctilley2](#) on Fri, 2014-11-21 09:51

This Science by Doing online resource covers forces, energy, mass, weight, friction, Hooke's law, Newton's three laws, fair testing and variables.

This resource is an inquiry-based learning sequence of hands-on activities, digital interactives, animations and videos. Students can conduct practical tasks exploring various forces and learn to construct free-body diagrams.

A teacher guide, activity sheets and assessment items are available.

### Tags:

[force](#)

[energy](#)

[mass](#)

[friction](#)

[Hooke's law](#)

[weight](#)

[gravity](#)

[variable](#)

[fair test](#)

[free body diagram](#)

[Newton's three laws](#)

### External Link:

[Science of toys - Science by Doing \(via Scootle\)](#)

[Science by Doing website](#)

### Source Category:

[Scootle](#)

[Image on Ground](#)

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**Publication Date:**

July, 2013

Forces and energy

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**Source URL:** <https://assist.asta.edu.au/resource/2527/science-toys-science-doing>