

Energy and Forces
3rd and 4th classes

Click on the links below to access the resource.

Name of Resource	Description	Link
Tune In	STEM Smaointe - Sound Pupils will explore how the thickness and length of rubber bands affect pitch (low/high sounds).	https://sites.google.com/pdst.ie/stemsmainte/archived-activities/science/3rd-and-4th-class?authuser=0#h.nw2z1ubt84k0
Shadows	STEM in a Bubble webinar - Light Observation, talk and discussion	STEM in a Bubble Resource Page https://www.scoilnet.ie/stem_ar_scoil/workshop1/ Shadows Activity https://explorify.uk/teaching-support/whats-new/explorify-at-home-light
Mirror Writing	STEM Smaointe - Light When pupils look in the mirror, the top of their drawing becomes the bottom of the drawing and vice versa.	https://sites.google.com/pdst.ie/stemsmainte/archived-activities/science/3rd-and-4th-class?authuser=0#h.p3iz7gg3onmu
Falling Leaves	STEM Smaointe - Forces Pupils will investigate falling leaves. Invite pupils to choose three different leaves from the selection available to them. Explain to pupils that the question that will be investigated is 'Which leaf will fall to the ground first?'	https://sites.google.com/pdst.ie/stemsmainte/archived-activities/science/3rd-and-4th-class?authuser=0#h.ykdb299g62ph

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Technology in My Kitchen	STEM and the Kitchen webinar - Forces Activity to encourage pupils to observe and study a piece of technology in their kitchen.	STEM and the Kitchen resource page https://www.scoilnet.ie/stem_sa_bhaile/kitchen/ https://www.scoilnet.ie/uploads/resources/34933/34692.pdf
The Best Bounce	STEM and Sport webinar - Forces Pupils investigate which ball has the “best” bounce	STEM and Sport video https://youtu.be/QF1jTHSC_v0 - from 45:24 mins to 51:50 mins https://www.sfi.ie/site-files/primary-science/media/pdfs/col/which_ball_is_bounciest.pdf
Home Alone Burglar Trap	Seasonal STEAM webinar - Forces Help Kevin catch the burglars by designing three traps. Choose your favourite trap and build a prototype	Seasonal STEAM resource page https://www.scoilnet.ie/stem_ar_scoil/steam/ https://www.scoilnet.ie/uploads/resources/35021/34780.pdf
Investigating How Toys Work	Forces This information sheet contains a list of possible resources to support teacher design of a unit of work.	https://www.scoilnet.ie/uploads/resources/34942/34701.pdf
Design the Best Toy Ever	STEM and Play Webinar - Forces Pupils use design and make skills to create a toy with moving parts	STEM and Play resource page https://www.scoilnet.ie/stem_sa_bhaile/play/ https://www.scoilnet.ie/uploads/resources/34943/34702.pdf
Toy Technology	STEM and Play Webinar - Forces This activity encourages pupils to develop their observation skills through looking at their toys.	STEM and Play resource page https://www.scoilnet.ie/stem_sa_bhaile/play/ https://www.scoilnet.ie/uploads/resources/34954/34713.pdf

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Gone Fishing	STEM Smaointe - Electricity and Magnetism Pupils have an opportunity to investigate static electricity and its effect on materials	https://sites.google.com/pdst.ie/stemsmainte/archived-activities/science/3rd-and-4th-class?authuser=0#h.n4enq0cxcdyh
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