

Rollers



How does the energy from an elastic band power a small toy? How does friction impede it? Pupils make and keep their own rollers, investigating the variables affecting how far and fast they go.

* Age: Y3/Y4, Y5/Y6 * Time: 75 minutes * Space: hall or large classroom

"Practical, hands on, requiring skills such as measuring, decision making, precision and safe use of equipment."

Booking

Our workshop programme is extremely popular so the more lead-time (and choice of dates) you can offer us, the better.

Three workshop sessions will usually fit into a school day. Workshops are designed for a class of about 30 children with their class teacher. Our workshops are designed specifically to develop pupil skills. Notes are provided as support for the teacher to follow up the workshop. We hope that teachers will use the workshop ideas in their own teaching.

Costs

Workshop days cost £435 (+VAT) but some workshops which take place in areas where Workshop Leaders live might be available at reduced rates. Please note that there might be a small contribution towards accommodation/travel if the Workshop Leader is not local to your area. You might consider 'partnering up' with other schools in your local area to share the cost. Please enquire for more details.

Curriculum links

Forces (Y3/4): *compare how things move on different surfaces; notice that some forces need contact between two objects*

Forces (Y5): *identify the effects of ... friction, that act between moving surfaces*