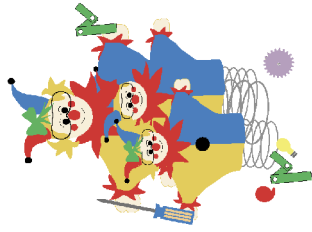


Science at Home



Join Jack in
a little toy
take apart!

Try this at home:

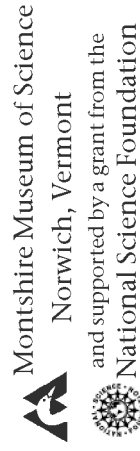
1. With your parents, select an old or broken toy that you can take apart.
2. Find the proper tools (most often a screwdriver or two) and safety equipment such as goggles.
3. Examine your toy and remove any screws that are holding it together so that you can open it up and see what is inside.

As you examine your toy, can you find any parts you saw in the exhibit?

Which of these can you find?

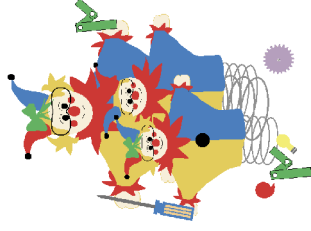
- gear
- circuit board
- linkage
- pulley
- cam
- cam follower

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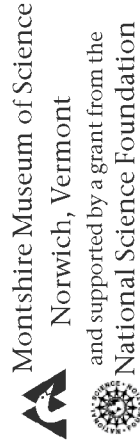
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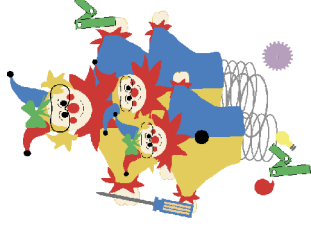
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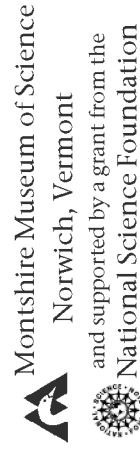
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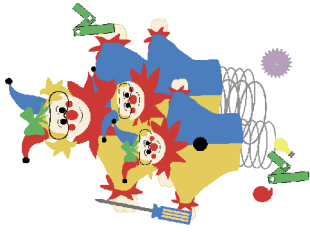
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Learn more about how toys work!

Want to learn more?

Check out the following web sites to learn more about the mechanisms highlighted in *Toys: The Inside Story* and found in many of your toys.

Flying Pig

www.flying-pig.com/mechanisms

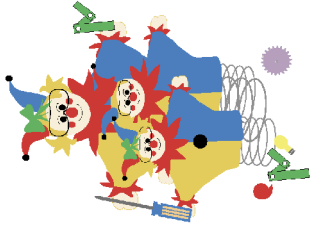
This great site explains the motion and the mechanisms of cams, gears and linkages. If you ever wondered how a rack and pinion or a bell crank works this is the place to find out.

Automata

www.automata.co.uk

Make your own mechanical toys and automata while learning about the mechanisms that make them work.

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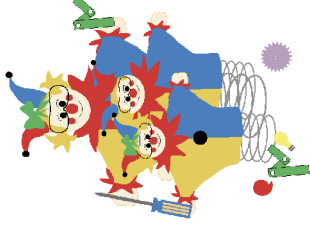
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