

Materials in Motion

Now get creative and explore how different materials can be applied to the rotation and up and down motion on your automata. Grab some crafty materials or recycling and add some moves!

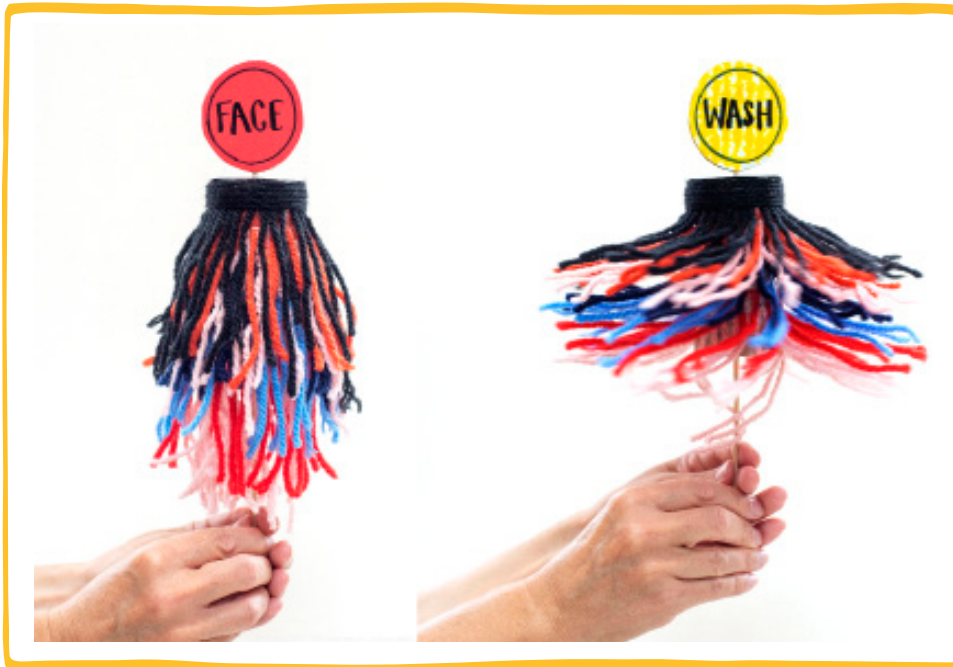
Here's a few ideas inspired by wild animal actions.

Rotation



Puffer Fish Face Wash

Strands of wool taped to a toilet roll magically lift up and puff out when spun on a stick. Could this be a face pampering devise or the beginnings of a new eye catching costume?

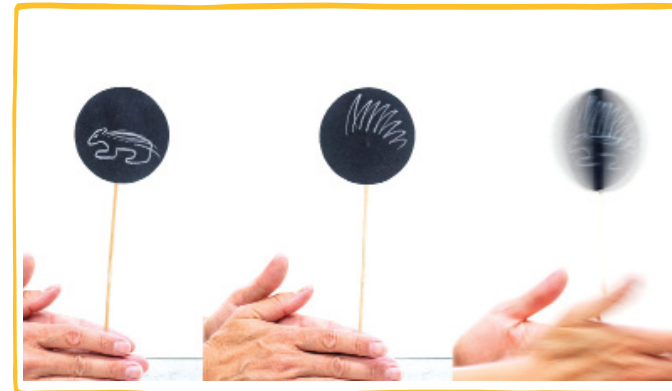


What could you invent that expands with rotation?

Watch out - Defence / Attack!

The Porcupine -

Check this clever optical illusion similar to the Victorian thaumatrope



If spun slower, two images appear to animate moving from one position to another, like this guy with a sword.



Could this movement inspire your invention idea?

Materials in Motion cont.

Up & Down →

Chameleon Spectacles!

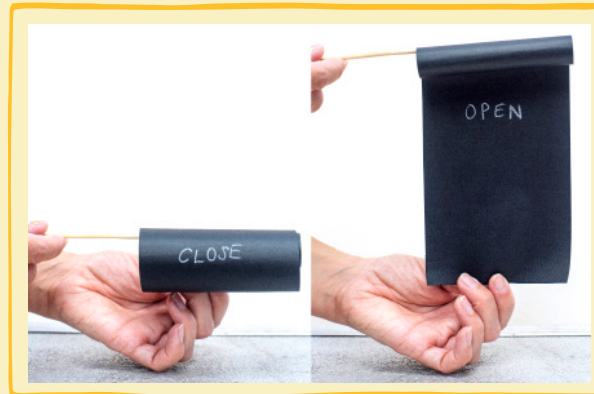
Overlap layers of transparent colour. The inside lenses move up and down. The outside ones stay still. A vision of changing chameleon colour makes every day a spectacle!



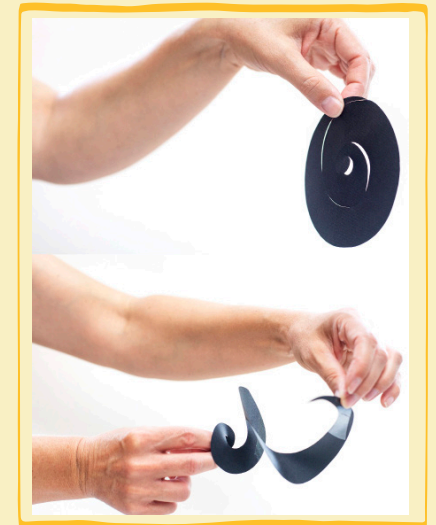
Super Shape-Shifters

Get inspired with rolling, cutting or folding:

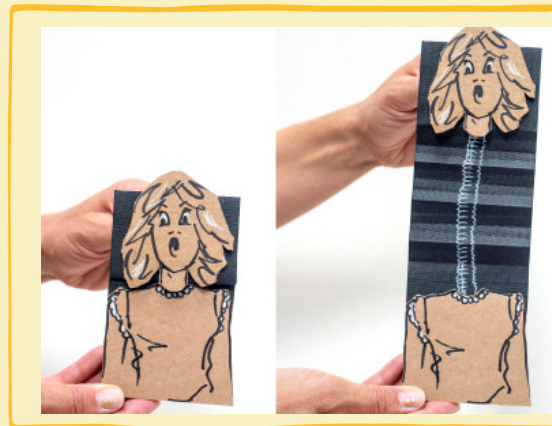
The Armadillo - Roll > Straighten



The Serpent - Coil > Stretch



The Caterpillar - Contract > Extend



The Peacock - Display > Hide

