

## Family Science Activity – Friday 3<sup>rd</sup> July

If your child has an allergy to eggs – please choose another exciting investigation from <https://www.rigb.org/families/experimental>

### **Bouncing Eggs**

<https://www.rigb.org/families/experimental/eggsperiments> - watch the video

- Make an uncooked egg bounce!
- Experiment with different liquids to see what effect they have on eggs.
- Learn how the acid in household liquids like orange juice and vinegar react with eggshells and make them dissolve, leaving the inside of the egg intact.

[https://www.rigb.org/docs/dissolving\\_eggs\\_infosheet\\_v2\\_0\\_1.pdf](https://www.rigb.org/docs/dissolving_eggs_infosheet_v2_0_1.pdf) - download worksheet for instructions and questions to ask before and after the investigation.

### **You will need:**

5 eggs • Glasses or jars that an egg can fit inside comfortably • Cling film • Oil • Milk • Water • Vinegar • Orange juice

### **Going further challenge:**

- You can use the shell-less eggs you make from this experiment to do another activity which will let you shrink and expand the eggs by placing them in different liquids:  
<http://bit.ly/nakedeggs>
- Watch a video of how to make a coloured bouncy egg, then try making one yourself:  
<http://bit.ly/RubberEgg>