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Hands On Science!

Thanks for a great year!

2015, the International Year of Light, was a brilliant and busy year at Hands On Science.

Number of schools visited > 500

Number of sessions > 1500

Most popular topics = weather and solids/liquids

Due to overwhelming demand we have expanded our team of dedicated presenters. At your school you may see: Alex, Allison, Angela, Anna, Charlie, Emily, Liz, Lora, or Marika. We continue to update and add to our inventory of lessons. Feedback from schools is important in this process, thanks to all of you who completed our feedback form.

Bookings now open for 2016

Book early to secure your place and avoid your students missing out on an engaging experience.



Staff Introductions

Hi, my name is Charlie. I love working at Hands On Science as it



Staff Favourites:

Investigating Energy

combines my passion for science with an element of performance. At Uni. I studied genetics and spent time playing in bands and hoping to become a rock star! I enjoy the task of inspiring students and adults about science and have written many science based songs.

Watching the grade 6 classes investigate energy this year has been very rewarding. Designing and testing windmills, making paper springs, completing electrical circuits and using chemical energy to pop corks keeps all students engaged and thinking. My favourite question, "what if...?" is heard reverberating around the room as students investigate different ideas.

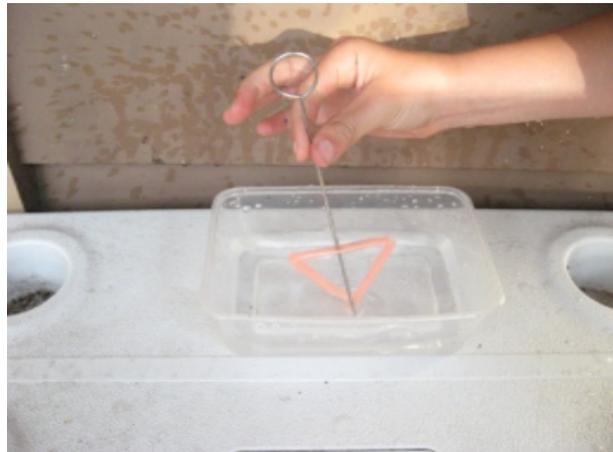
by Angela

Experiment: Fractions Fountain

1. Mark the half way point on a straw.
2. Mark the $\frac{1}{3}$ and $\frac{2}{3}$ positions
3. Push a skewer through the $\frac{1}{2}$ way point
4. Cut slits in the top of the straw at $\frac{1}{3}$ and $\frac{2}{3}$
5. Fold the ends down to touch the skewer and tape
6. Hold the skewer in a shallow dish of water and spin.
7. Watch out! Water is spraying out!

What is happening?

Centripetal force is pushing the water in the straw sideways. The force pushes the water up the diagonal straw pieces and out the slits.



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