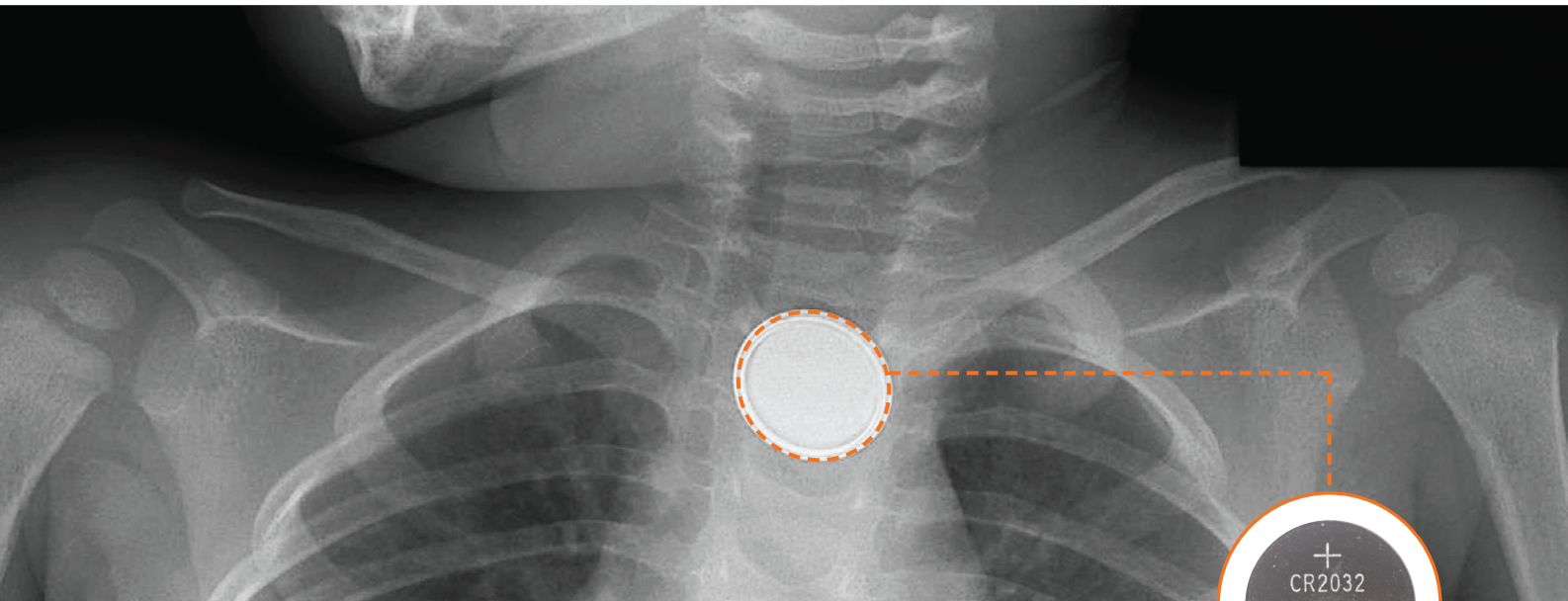


There's a little-known risk to small children



A COIN-SIZED LITHIUM BATTERY CAN GET STUCK IN A CHILD'S THROAT AND BURN THROUGH THE TISSUE IN JUST 2 HOURS, CAUSING SEVERE INJURY OR DEATH.

HAVE YOUR STUDENTS:

- **CONDUCT** an experiment to learn about coin-sized battery safety
- **PROMOTE** life-saving messages at school and at home

Full lesson plan on page 3



WIN:



Energizer

safekids
Aotearoa

Be in to win Energizer Camo torches for the whole class, delivered by Mr. Energizer himself!

THE BATTERY CONTROLLED:

A CURRICULUM-BASED EXPERIMENT FROM SAFEKIDS AOTEAROA AND ENERGIZER

TEACHER BACKGROUND

Powerful coin-sized batteries are found in small devices at home. If a battery is swallowed or inserted in the nose or ears, it can cause severe burn injuries in as little as 2 hours. Children have died. For those that survive, recovery can take years and involve multiple surgeries.

This unit is designed to raise awareness of this very real and little-known problem.

LINKS: Health & Safety, Science, Technology **SUITABILITY:** Curriculum Levels 2-4

THE EXPERIMENT: what you'll need & instructions

- ✓ Thinly sliced ham
- ✓ Coin-sized lithium batteries
- ✓ Small containers and a timer or watch



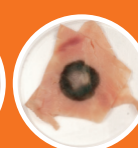
5 min



30 min



1 hour



2 hours

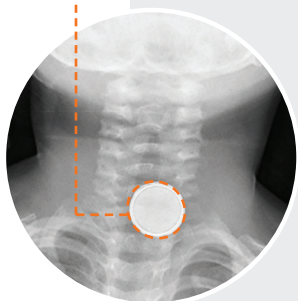
Instructions:

1. Cut strips of ham. Sandwich the battery between two pieces of ham. Make sure contact is made with the positive and negative ends of the battery. This simulates a battery stuck inside a child's throat.
2. Place inside a plastic container and time the experiment (after 5 minutes, 30 minutes, 1 hour and 2 hours).

For a video of the experiment, visit http://youtu.be/eAMD_bpn3ul.

What students will see:

Within 5 minutes, a dark ring will form on the ham. This is caused by electric current from the battery BURNING the ham (this simulates necrosis/ death in living tissue).



TUNING INTO THE PROBLEM

- Ask students if they knew how dangerous coin-sized batteries could be.
- Ask how batteries can put babies and toddlers in danger.
- Show www.thebatterycontrolled.co.nz and play the video. Click "THE FACTS" button for a class discussion on:
 - The number of children injured, and the age children are most at risk
 - What devices contain coin-sized batteries
 - The safety messages: **SEARCH, SECURE & SHARE**
 - How long it takes for a battery to cause serious injury or death
 - What to do if a child has swallowed a battery



SEARCH, SECURE, SHARE (AND WIN!)

- **Search & Secure:** After conducting the experiment, have a class discussion on how to make our lives safer with coin-sized batteries
- **Share (& Win!):** Be in to win Energizer Camo torches for the whole class, delivered by Mr. Energizer himself! Just e-mail a photo of your experiment to safekids@energizer.com, OR post a comment @ www.facebook.com/EnergizerNZ describing what your students did to make our world safer.

Competition ends 30 June 2014. One (1) winning class only. For details visit www.facebook.com/EnergizerNZ

WIN:



THE BATTERY CONTROLLED ENERGIZER CAMO TORCH PRIZE T&Cs

Full Terms & Conditions

This promotion is in no way sponsored, endorsed or administered by, or associated with, Facebook.

By entering this promotion, you agree to our terms and conditions.

The Promoter is Energizer NZ Limited and Safekids Aotearoa. For further information relating to this promotion, please email campaign@safekids.org.nz.

This promotion commences on 1 March 2014 and all entries must reach the Promoter by 30 June 2014 ("Promotion Period").

To enter you must:

- E-mail a photo of a class experiment as described in Starters & Strategies Term One 2014 (*The Battery Controlled* article) to safekids@energizer.co.nz
- OR post a comment @ www.facebook.com/EnergizerNZ describing what the students did to make our world safer around button batteries. Emails and comments must reach Energizer NZ Limited or Safekids Aotearoa before the end of the promotion period.

The winner will be chosen by raffle. Contest ends 30 June 2014. One (1) winning class only.

1. By entering this promotion, and by accepting any prize, you accept these terms and conditions.
2. All entries become the property of the Promoter.
3. Entry is open to all New Zealand residents except staff and their immediate families of the Promoter and its agencies.
4. The Promoter is not responsible for any late, lost, incomplete or discredited entries or any failure to enter as a result of a technical problem of any kind.
5. The winner will be chosen by raffle.
6. Draw will take place on Monday 30 June 2014 and the winner will be notified by phone, post or email.
7. If any winner cannot be contacted or does not respond to notification on or before 7 July 2014, that winner will forfeit the prize and another winner will be drawn.
8. It is a condition of accepting this prize that the winner agrees that, to the extent permitted by law, the Promoter and its associated companies and agencies will not be liable for any direct, indirect or consequential loss or damage whatsoever, including personal injury, which is suffered as a result of or arising from, participating in the promotion or winning the prize, and the winner accepts the prize at their own risk.
9. The Promoter has the prize to give away: Energizer Camo torches for one class (One Camo torch for each enrolled student in the class). One (1) winning class only.
10. All Promoter decisions will be final and no correspondence will be entered into.
11. All entrants have the right to access or request correction of their personal information by contacting safekids@energizer.co.nz.

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