



The National Theatre for Children

TEACHER GUIDE

BEFORE THE LIVESTREAM

1. Go to **BigBatteryRescue.com**.
2. Select from top menu **Resources for Schools** and then **Educational Materials**.
3. Watch the '**Educator Preview**' video.
4. Review the student workbook to identify the appropriate level activities for your class.
5. Discuss with your students the **Words To Know** vocab list and plot of the story.
6. Show students the classroom battery recycling bucket and nominate your Student Battery Ambassadors!

AFTER THE LIVESTREAM

1. Go to **heyteachers.org** and enter the code **BBR22**
2. Evaluate the program for your chance to **WIN \$200** for your class.
3. Distribute the Student Workbooks and have your students complete their activities.
4. Go to **BigBatteryRescue.com** and watch the post-performance video with your students, then tell students to start collecting batteries from home.
5. Help your students to make use of the online games and educational activities.

DAY OF THE LIVESTREAM

1. Your school contact teacher will be emailed in advance a private school link to access your livestream event. This includes all details to access the livestream.
2. Ten minutes before your scheduled start time, click on the link, or copy and paste it into your browser address bar and it will take you directly to your livestream performance.



How to Use This Program



Welcome to *The Energized Guyz: Powered Up* program, educating your students and their families about the importance of battery recycling.

This program is Australian Curriculum aligned and includes:

- A 30-minute livestream education event
- Live-in-school educational visit
- Student Workbooks
- Teacher Guidebooks
- E-learning resources and activities
- Battery Recycling Kits for the school and classrooms
- *The Big Battery Rescue* Recycling Challenge

AUSTRALIAN CURRICULUM

LEARNING AREAS:

Science, HASS, English, Mathematics, The Arts, H&PE, Technologies

CROSS CURRICULUM PRIORITY:

Sustainability

GENERAL CAPABILITIES:

Literacy, Numeracy, Critical and Creative Thinking, Personal & Social Capability, Ethical Understanding

For detailed curriculum content please visit www.BigBatteryRescue.com



You've Seen The Show!

Now evaluate the program and have a chance to
WIN \$200 for your classroom!

1. Log on to: www.HeyTeachers.org
2. Enter the code **BBR22**
3. Fill out the evaluation
4. Visit BigBatteryRescue.com for more classroom resources

EDUCATIONAL CONCEPTS

- What IS a battery?
- How we USE batteries
- Why it's important we RECYCLE batteries
- What YOU can do to recycle batteries

VOCAB WORDS

Alkaline	A type of single use battery that uses chemicals to create electricity
Battery	A container that stores energy and turns it into electricity
Environmentalist	A person who works to protect the environment
Habitat	A place where a plant or animal makes its home
Landfill	A big hole in the ground where our rubbish gets buried
Lead acid	A type of rechargeable battery used in cars and trucks
Lithium Ion	A lightweight, rechargeable, high power battery used in mobile phones and computers
Natural resource	Something found in nature that can be used by people
Non-renewable resource	A natural resource that can't be replaced after it is used
Pollute	To make dirty or unclean
Rechargeable	A battery that can have energy replaced after use
Recycle	To turn things into new things
Single Use	Batteries that can only be used once
Toxic	Something that is poisonous

BATTERY SAFETY FOR STUDENTS & FAMILIES

Source: *Australian Battery Recycling Initiative*

It's important to educate students to store batteries safely. Batteries can heat up and cause skin burns or, if terminals connect – with each other or with other metal objects such as keys – it can cause a spark.

Ensure all used batteries have both terminals covered with electrical or sticky tape before storing them together in a plastic container. Button cell batteries can be placed in a row between two pieces of sticky tape.

How to Use This Program

What is *The Big Battery Rescue* School Recycling Challenge?

Did you know? In Australia each year over 300 million household batteries are thrown away with ordinary waste. Less than 3% are recycled meaning a staggering 14,000 tonnes of batteries end up in landfill. By 2036 it is projected we will generate 137,000 - 186,000 tonnes of waste lithium batteries each year – the weight of the opera house!

The **Big Battery Rescue** is a year-long, national school recycling challenge that provides your school with free battery recycling kits to help save the environment by diverting batteries from landfill.

While recycling batteries is its own reward, the **Big Battery Rescue** also awards cash prizes for your school effort! Jump onto www.BigBatteryRescue.com for more details, and check out the schools who WON the grand prizes last year – **this could be your school next!**

What is *The Energized Guyz: Powered Up* livestream education event?

A 30-minute livestream education event providing your classrooms a convenient, online accessible option for experiencing educational theatre from *The National Theatre for Children*.

This livestream lesson in recycling, STEM and conservation is for grades 1-6. Through an interactive web platform, a live actor/educator host will introduce entertaining sketches featuring a variety of characters in professionally filmed scenes from our live theatrical productions - and guide classrooms to participate in a discussion on important curriculum of battery recycling, waste and conservation.

Students and teachers will also have access to a Q&A with the live host, and an exclusive e-learning package that includes games, quizzes and lesson plans for the classroom that reinforce concepts from the livestream show.

Your School Battery Recycling Kits

While the livestream education event and educational resources teach your students about battery recycling, conservation and STEM, the free battery recycling kits provide the tools to take real action – and make a real, measurable difference towards diverting batteries from landfill both at school and home.

Your school will receive **free** battery recycling buckets for every classroom! Plus, during the school year a **free** collection service from an accredited recycler who will take away your school batteries to be recycled.

Your school effort will be measured and tracked so you can see the fantastic impact of your students and whole school community!

Every classroom will be asked to nominate student Battery Ambassadors, who will be tasked with measuring and emptying the battery contents into the school central battery bin.

Throughout the school year we will provide your school and classroom with exciting learning activities to engage your students in their effort, and to assist them in undertaking the challenge.



Your place for future learning & innovation



Stockland is committed to creating thriving communities.

That is why we are providing an opportunity to educate children through our partnership with The National Theatre for Children, who specialise in creating educational and curriculum-aligned programs nationwide.

This year, we are offering schools and students a FREE battery recycling year-round education and behaviour change program.

This includes a live-in-school theatrical presentation along with curriculum-aligned materials and battery recycling kits.

The program will include a year-long national challenge, where schools, students and families will have the opportunity to collect all batteries they use during the year and deposit them for recycling collection.

Their efforts will be measured by the weight of batteries collected, and the positive environmental impact by the rate of diversion from landfill.

Together we will teach, entertain and inspire future generations to become the leaders of tomorrow.

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Visit **bigbatteryrescue.com** to learn more about how Stockland is supporting education in our communities.