



The National
Theatre for Children

CAPTAIN WATTAGE

PLAY IT SAFE
AROUND
ELECTRICITY!

Electricity Safety Education Program Captain Wattage

Teacher Toolkit

01 October 2026

Thanks to our partner



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Your students will learn:

1. How electricity is made
2. The uses of electricity
3. How to spot electrical danger
4. Ways to play it safe around electricity



Developed and delivered by:



The National
Theatre for Children



Introduction

Captain Wattage Electricity Safety



What is Captain Wattage Electricity Safety?

Essential Energy has partnered with The National Theatre for Children (NTC) to pilot *Captain Wattage* – an in-school electrical safety program designed for students in K-6.

The program aims to raise awareness of the hazards associated with electricity and teach students how to be safe around electricity.

Captain Wattage is performed by two professional actors who lead your students through a fun adventure, all while teaching about electricity and electrical safety.

IN-SCHOOL THEATRE PERFORMANCE

In this 30-minute performance, Captain Wattage learns about the importance of being safe around electricity, while in pursuit of a villain – Vicky Voltage – who is using electricity unwisely all over town.

With the help of friends, Detective Iona Badge and Lizzy The Liney, Captain Wattage learns enough about electrical safety to track down Vicky Voltage – and with the help of your students – save the day!



WHAT YOUR STUDENTS WILL LEARN

Your students will learn:

- how electricity is made,
- the uses of electricity,
- how to spot electrical danger and
- ways to play it safe around electricity.

TEACHER TOOLKIT

To accompany the in-school performance, The National Theatre for Children, in partnership with Essential Energy, has developed this Teacher Toolkit which includes:

- student activities,
- classroom posters, and
- an e-learning toolkit with digital resources.

CURRICULUM-ALIGNED

The materials are curriculum aligned and designed for three stages of Primary school, provided at no cost to your school and designed to extend your student learning in the classroom.

- Kindergarten to Year 2 (Early Stage 1 – Stage 1)
- Years 3-4 (Stage 2)
- Years 5-6 (Stage 3)

How to use the Teacher Toolkit

The Captain Wattage pilot program delivered by The National Theatre for Children (NTC) incorporates activities for both teachers and students and is broken down into three stages. The Toolkit is designed to guide you through each stage, including information and activities.

The Teacher's Toolkit includes information about what you need to do:

- **Before the performance**
- **During the performance**
- **After the performance**

You'll also find additional curriculum aligned learning resources to help reinforce the programs electrical safety messages with your students.

The resources are designed to integrate easily with your existing teaching and support continued learning beyond the performance.



Before the day of the performance

Performance planning



Before the day of the performance

To help you prepare for the Captain Wattage electricity safety education performance, you'll need to undertake a few brief steps:

1. View the Educator Preview video,
2. Complete the Student Pre-Performance Questionnaire,
3. Download the Student Workbook, and
4. Review the Words to Know vocabulary list.

Read through the following pages to find out more.



1. EDUCATOR PREVIEW VIDEO

Watch the [Educator Preview](#) video developed by The National Theatre for Children (NTC) and share the video link with all classroom teachers whose students are attending the performance.



2. STUDENT PRE-PERFORMANCE QUESTIONNAIRE

Prior to the performance at your school, The National Theatre for Children will send you an email with a link to the [Student Pre-Performance Questionnaire](#). Or click here for:

[Years K-3 - Student Pre-Performance Questionnaire](#)

[Years 4-6 - Student Pre-Performance Questionnaire](#)

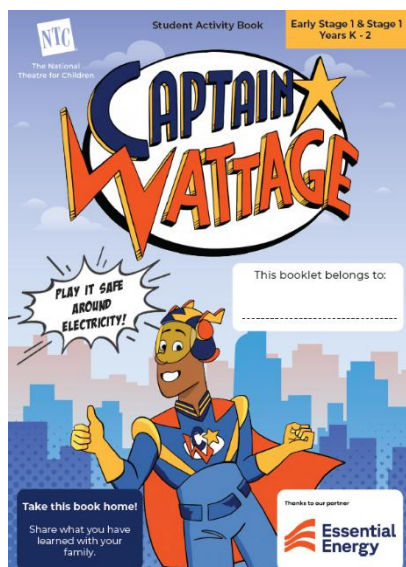
Please arrange for participating students to complete the quick quiz before they see the performance. This will assist in reviewing the program post-performance to measure against program learning objectives and the targeted outcomes.

3. DOWNLOAD THE STUDENT WORKBOOKS

The Student Workbooks are designed to support the Captain Wattage electricity safety education performance. The Workbooks feature colourful artwork and expand on the information presented in the performance. This will assist in supporting your students' understanding of electricity safety.

Select the appropriate workbook for your class year level and use the buttons below to download and print.





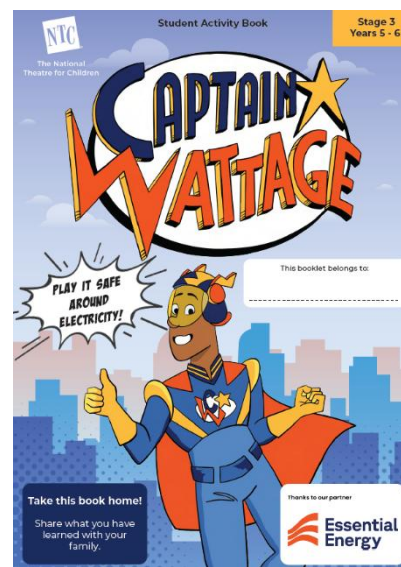
[CLICK TO DOWNLOAD](#)

[Early Stage 1 and Stage 1
\(Kindergarten to Year 2\)
Student Workbook](#)



[CLICK TO DOWNLOAD](#)

[Stage 2 Student
Workbook \(Years 3-4\)](#)



[CLICK TO DOWNLOAD](#)

[Stage 3 Student
Workbook \(Years 5-6\)](#)

4. REVIEW THE VOCABULARY LIST

Review the Student Workbook provided for your student year level and discuss with your class the “Words to Know” vocabulary list provided and the plot of the story to prepare your students for the upcoming performance.



On the day of the performance

What to expect on the day



On the day of the performance

1. PERFORMER ARRIVAL

Your actors will arrive approximately 30 minutes before your scheduled performance time.

Please ensure you have notified your front office, and that you have your venue clean, clear and ready for their setup time.

2. TEACHER AND STUDENT PREPARATION

Prepare classroom teachers to ensure students are lining up outside the venue 5 minutes before the scheduled time in order to ensure we can start on time and keep on track with your school timetable.



After the performance

What to expect on the day



After the Performance

You are participating in a Pilot Program which our partner The National Theatre for Children have developed on behalf of Essential Energy. So that we can evaluate the program relevance and learning objectives, we need your involvement.

1. Teachers, evaluate the performance
2. Complete the Student Post-Performance Questionnaire,
3. Distribute the Student Workbooks,
4. Use the Lesson Plans,
5. Download the Classroom Poster, and
6. Use the Digital Games.

Read through the following pages to find out more.



1. EVALUATE THE PERFORMANCE

Go to heyteachers.org and enter the code **ESE26** to evaluate the program.



2. STUDENT POST-PERFORMANCE QUESTIONNAIRE

After your performance, The National Theatre for Children will send you an email with a link to the **Student Post-Performance Questionnaire**.

Instruct your students to complete the quick quiz no later than 4 weeks after the performance.

Please arrange for participating students to complete the quick quiz **within 4 weeks** of them seeing the performance. This will assist in reviewing the program post-performance to measure against program learning objectives and the targeted outcomes.

3. DISTRIBUTE THE STUDENT WORKBOOKS

The Student Workbooks are designed to support the Captain Wattage electricity safety education performance.

The Workbooks feature colourful artwork and expand on the information presented in the performance. This will assist in supporting your students' understanding of electricity safety.

Download and hand out a Student Workbook for each of your students, have them complete the activities and also take their workbook home to share what they have learned with their families.



4. DOWNLOAD AND USE THE LESSON PLANS

Deliver the Lesson Plans and help your students to make use of the online digital games below to engage and reinforce positive electrical safety behaviours.

These downloadable PDFs feature ready to use Lesson Plans that can be tailored for year K-2 and year 3-6 students.

LESSON 1 - TEACHER PLAN

Make safe choices

Electrical safety after the live show

Year levels	Kindergarten and Years 1-2
Learning area	EDHPE and English oral language and communication
Suggested duration	45 minutes, 30 minutes for kindergarten
Big question	How can we use the Safety Stars to play it safe?
Student role	Work with a partner

Purpose
Vince Wattage stole the Seven Safety Stars. Detective Iona Badge and Lizzy the Liney helped Captain Wattage learn their messages. Students apply this learning to everyday electrical hazards, discussing safe actions in pairs and drawing a safety reminder.

Learning intention
Use the show's Safety Stars to recognise electrical danger and choose a safe response.

Success criteria

- ★ I can spot electrical danger.
- ★ I can say or show a safe action.
- ★ I can name an adult who can help.
- ★ Years 1-2: I can explain why my choice is safe.

What you need

- ★ The classroom safety poster or the Safety Star messages on the back cover of a stage workbook. Either can be used throughout the lesson.
- ★ A copy of the scenario sheet (page 4) for each pair, plain paper and pencils. Read the scenarios and safety messages aloud as needed.

Safety note
Use fictional situations, discussion and drawing. Never use real power points, appliances, cords or other electrical equipment to act out a hazard.

Early Stage 1 and Stage 1

[CLICK TO DOWNLOAD](#)

[Lesson 1: Early Stage 1
and Stage 1](#)

LESSON 2 - TEACHER PLAN

Create a safety announcement

Apply the learning from the live show

Year levels	Years 3-6
Learning area	EDHPE and English oral language and communication
Suggested duration	70 minutes, allow longer for more than eight teams
Big question	How can we persuade others to play it safe?
Student role	Director, narrator and performers

Purpose
The live show introduces the Seven Safety Stars through Captain Wattage. Detective Iona Badge and Lizzy the Liney. Students apply these messages to everyday electrical hazards. In teams of four, they devise and perform a 45-60 second public service announcement (PSA), a persuasive spoken text encouraging safe action.

Learning intention
Explain an electrical hazard and use a clear safety message to persuade a chosen audience.

Success criteria

- ★ I can explain an electrical hazard, the safe response and who can help.
- ★ I can explain why a safe action matters.
- ★ I can help shape and share a message for a chosen audience.

What you need

- ★ The classroom safety poster or the Safety Star messages on the back cover of a stage workbook. Either can be used throughout the lesson.
- ★ A copy of the team planning sheet (page 4 of this lesson plan) for each team of four.
- ★ Scrap paper, pencils and a timer. Paper props are optional; no costumes or filming equipment are needed.

Safety note
Use pretend situations, mime or paper props. Never use real power points, appliances, cords or other electrical equipment to act out a hazard. Students can describe the danger and act out the safe response.

Discuss public service announcements
Explain: A PSA gives helpful advice. Ours is a **persuasive text**: it aims to convince an audience to act safely.
Ask: What safety messages have you seen or heard? Where did you find them?
How did they communicate words, pictures, music, acting or a memorable phrase?
What did they want you to do? What helped convince you?

Stage 2 and Stage 3

[CLICK TO DOWNLOAD](#)

[Lesson 2: Stage 2 and
Stage 3](#)

5. DOWNLOAD THE CLASSROOM POSTER

This downloadable PDF features the electrical safety messages to print and display in your classroom.



[CLICK TO DOWNLOAD](#)

[Classroom Poster](#)



6. USE THE DIGITAL GAMES

Play the games below with your class and share the links with students who can play at home with friends and family for an exciting way to learn more about how to play it safe around electricity!



DIGITAL GAME: Word Up!

A vocabulary Language Arts activity where you fill in the blanks using letters to spell words from this program.



DIGITAL GAME: Quizzer!

A fast-paced energy quiz where you race against the clock to answer questions from the program.



DIGITAL GAME: Friendly Feud!

Classroom trivia game based around the content in the program that can be played one-on-one or team versus team. Highest score wins!

