

E=mc²
THE MUSICAL

2026 PROGRAM



$E=mc^2$ **The Musical.**
**You'll never look at
physics in the same way!**

A Haberfield Public
School (HPS) Production
with the support of
the HPS P&C and
the Wests Ashfield
Leagues Club.

7, 8 & 9 May 2026.

MUSIC

David Collins-White
and Lindsay Scandrett

LYRICS

David Collins-White,
Chris Kohn and
Lindsay Scandrett

SCRIPT

Chris Kohn

MUSICAL ARRANGEMENTS

Lindsay Scandrett

ORIGINAL DESIGNS

Josh McIntosh



MESSAGE FROM THE RELIEVING PRINCIPAL

This year's performance takes us on an exciting adventure through time, imagination and discovery.

Our students step into the unknown as they build a time machine, traveling back to explore the brilliance behind Albert Einstein's famous formula, $E=mc^2$.

Along the way, they encounter the ideas, challenges and breakthroughs that have shaped our understanding of the world, celebrating both the scientists of the past and the innovators of today.

This journey has been more than just a performance - it has been one of creativity, collaboration and courage. New friendships have been formed, confidence

has grown and our students have embraced the joy of learning through the arts.

I thank Mr Collins-White and the $E=mc^2$ Production Team for sharing their passions and talents and for their tireless hard work bringing this musical to life.

We invite you to sit back and enjoy this inspiring voyage through time. May it spark curiosity, celebrate imagination and remind us of the power of dreaming big.

—
Kristy Haggett
RELIEVING PRINCIPAL



A WORD FROM THE COMPOSER & DIRECTOR

A separate musical could be written about the journey to the launch of $E=mc^2$ The Musical.

What started with my involvement in music mentoring in a far north Queensland primary school led to a more extensive discussion with well-known Aboriginal leader Noel Pearson. This discussion was about one of the most famous science formulae and how we might translate a moment in history into a musical.

That first discussion was in July 2020. This led to the trial performance by all students at Haberfield Public School via video. Singing was not permitted between grades, state borders were closed, and zoom conferences were the only way we could continue our project.

Through YouTube, we broadcast the world premiere of $E=mc^2$ by

students of Hope Vale school in Cape York in September 2021.

But our October efforts to premiere in Haberfield were hampered by Sydney's second lockdown.

We managed to mount the production with a wonderful result in 2022.

Now 4 years later a new 2026 production of $E=mc^2$ with a talented new cast and crew is presented.

I wish to thank the Haberfield students and all collaborators in this second journey.

—
David Collins-White
COMPOSER & DIRECTOR



SYNOPSIS

Sarah and Jack are students who love their science and take school projects very seriously! They build a time machine powered by 'brain energy' to visit the 'Ancestors' of Albert Einstein's famous formula $E=mc^2$.

They recruit Jack's sister Laura and his football-loving friend Dave to balance the brain energy needed for their time travel adventure.

They'll visit the extraordinary scientists behind the famous equation $E=mc^2$. Michael Faraday, the 'E' man, Antoine and Marie Anne Lavoisier, the 'M' people, Albert and Mileva Einstein, who enlighten them to the importance of light, the 'C' part, and finally, Émilie du Châtelet who explains the purpose of the little number 2 that floats above the 'C'; the all-important 'squared'.

But as brilliant as our time-travellers are, something goes wrong at the touch of a button, causing everyone to shrink to subatomic size. Here they meet the protons, neutrons, and electrons inside the atom. Escaping before Lise Meitner uncovers the secret to splitting the atom, they hear the tragic story of Lise's life journey. And where are the 'Women of Science'? Laura is outraged history has almost forgotten them.

Follow Sarah, Jack, Laura and Dave as they journey through time to deliver their $E=mc^2$ science project to the class and receive an outstanding result for their work.



Cast & Crew

SCIENCE STUDENTS

Bianca Kurek
SARAH

I want to be an actor when I grow up so I wanted to be in this musical.



Rohan Lim
JACK

I decided to try out for the musical because I thought it would be a good learning opportunity.



Tobias Fu
DAVE

I wanted to join the E=mc² musical because I like songs and dancing with my friends.



Molly Bain
LAURA

I wanted to be in the E=mc² musical because I love to act and sing and dance. It has been fun with my teachers helping me.



SCIENTISTS

Dylan Barker
ALBERT EINSTEIN

I like drama and dancing so I wanted to be in the musical.



Arthur Alexander
OTTO HAHN/CHORUS

I wanted to be in E=mc² because this is the first play that I have been able to try out for at school.



Jemma Philip
MILEVA EINSTEIN

I wanted to be in the cast of E=mc² because I love acting and singing.



Lara Otavski
MARIE-ANNE LAVOISIER

I wanted to be in the musical because I love acting and science.



Reuben Ford
ANTOINE LAVOISIER

I auditioned because my parents wanted me to and I wanted to see what it was like.



Django Wakeford
MICHAEL FARADAY

I chose to try out for the musical so I could act in front of a crowd and have fun with my friends!



Jessica Ho
ÉMILIE DU CHÂTELET

I love seeing how women have had an important role in science.



Isla Campbell
LISE MEITNER/CHORUS

I love learning about history and science, as well as singing and acting.



MULTI PERFORMANCES

Hannah Aitken
ANNOUNCER/CHORUS

I couldn't wait to jump at the chance of being in the E=mc² musical because I love singing and the theatre, and science!



Julian Sant'Ana
CHORUS/LEAD ELECTRON

I wanted to be in the musical because I like singing.



Amelia Tai
CHORUS/LEAD NEUTRON

I like to be in plays so I wanted to be in the musical.



Ara Bannerman
CHORUS/LEAD PROTON

I love singing and dancing so I wanted to be in the musical.



CHORUS

Aadesh Bannerman
CHORUS

I joined the musical because it is a good opportunity to practise performing on stage.



Alexa Sevil
CHORUS

I like drama, dancing and singing and I like to face my fears by being onstage.



Angelina Chan
CHORUS

I chose to try out for the musical because I enjoy science and I wanted to experience what it's like to be in a musical show.



Claire Yixuan Li
CHORUS

I wanted to be in the musical because I love drama and music. I wanted to learn about the history of what each letter represents in E=mc².



Clancy Page
CHORUS

I wanted to be in the musical because I like science.



Elijah Hunt
CHORUS

I decided to try out for the musical because I just love performing and going on the big stage. I was interested in the E=mc² topic too.



Elin Metcalfe
CHORUS

I love to sing and dance, especially with my friends, so this musical mixes acting with the things I love best so I had to try out!



Frankie Gettings
CHORUS

In year 2 I saw E=mc² the Musical and thought it looked like fun so when the opportunity arose I took it.



Hazel Greenlees
CHORUS

I thought it would be a good experience to be in the E=mc² performances.



Isabelle Coote
CHORUS

I wanted to join E=mc² because I love singing and dancing.



Leo Valenti
CHORUS

I joined the E=mc² musical cast because I am interested in science and it's a great opportunity.



Marley Berghofer
CHORUS

I auditioned for E=mc² because I love the feeling of being onstage and trying my best.



Mavis Weitzel
CHORUS

I chose to be in E=mc² because I like performing.



Mila Azzam
CHORUS

I wanted to be in the musical because I love acting and drama, and I wanted to know about E=mc².



Oleni Zoidis
CHORUS

When I was in year one I saw this musical and I never thought I could actually be in it. My chosen career is being a singer and actor so when I found out I was in it was the BEST news ever.



Ophelia Chan
CHORUS

I wanted to be in E=mc² because I love acting and singing.



CHORUS (CONT.)

Piper Edmondson

CHORUS

I love singing and I love acting so I auditioned for the musical.



Quinn Gettings

CHORUS

I wanted to be in E=mc² because it looked like fun.



Scarlett Page

CHORUS

I chose to be in the musical because I love acting and drama.



Stella Coburn

CHORUS

I love singing and dancing... that is why I wanted to join the E=mc² cast.



BACKSTAGE CREW

Basti Lucarotti

STAGE CREW

I wanted to be in the backstage crew of E=mc² so I could have fun setting up the props.



Walter Burnell

STAGE CREW

I joined the backstage crew for the musical because I saw it 4 years ago and I thought it was fun.



Jamila Mohamed

STAGE CREW

I'm eager to be in the backstage crew because I love art and I like moving things.



Audie Gesmundo Stopka

STAGE CREW

I wanted to be in the stage crew to be involved and help my school with this show.



Jack Von Dinklage

STAGE CREW AND MEDIA

I joined the E=mc² team because I wanted to contribute to a big show and I thought it would be fun to help.



Cody de Jersey

STAGE CREW MEDIA AND CONSTRUCTION

I wanted to see what the backstage crew could make and create for the show, and I feel proud about what people are using on the stage.



Zayyan Zuberi

STAGE CREW

Four years ago I watched E=mc² and was amazed by the performances and teamwork, and I dreamt of being part of that. Now my dream is a reality!



Ruby Lee

STAGE CREW

I joined the musical because I wanted to be part of a team and learn how to work with other people to build a show.



Flynn Philip

STAGE CREW AND CONSTRUCTION

I joined the crew because I wanted to have fun and learn to work backstage.



Sofia Rozzo

STAGE CREW AND CONSTRUCTION

I really wanted to be in the backstage crew to learn and to make things as I like art.



Lachy Campbell

STAGE CREW AND CONSTRUCTION

I wanted to join the musical to sing the stardust song but I missed the auditions so I did the backstage crew.



Kieran Martin

STAGE CREW

I thought it would be a great opportunity and I would have fun.



BACKSTAGE CREW (CONT.)

Isla Eastwood

FRONT OF HOUSE AND MEDIA

I wanted to be in the show because it looked like fun and last time it looked magnificent.



Oscar Kingston

AUDIO

I wanted to because I wanted to be involved in something at this school. I liked the idea of playing the music.



Clancy Saville

FRONT OF HOUSE AND CONSTRUCTION

I'm really excited to be in the musical after the Hamlet experience.



Tully Saville

FRONT OF HOUSE

I've been in lots of musicals and I liked them.



Penny Tao

FRONT OF HOUSE AND MEDIA

I wanted to do something interesting for school and what better way than being behind the scenes in a science-tastic musical.



Matilda Burnell

FRONT OF HOUSE

I thought it was a good idea.



Melissa Peng

FRONT OF HOUSE

I loved watching the show when I was in Year 1. It looked like such fun.



SCENE LIST

- 1. Intro "Hero of the Day"**
CHORUS, ANNOUNCER AND ALL CAST MEMBERS
- 2. Energy - Faraday's Engine "Faraday and Faith"**
FARADAY, DAVE, SARAH, LAURA AND JACK
- 3. Mass - Lavoisier Diamond Show "Mass Waltz"**
ANTOINE AND MARIE ANNE LAVOISIER, DAVE, SARAH, LAURA AND JACK
- 4. Celeritas - Einstein's Thought Experiment "Celeritas Dominus"**
CHORUS, ALBERT AND MILEVA EINSTEIN, DAVE, SARAH, LAURA AND JACK
- 5. Squared - Châtelet's Falling Ball "Je suis désolé"**
ÉMILIE DU CHÂTELET, ALBERT AND MILEVA EINSTEIN, DAVE, SARAH, LAURA AND JACK
- 6. The Atom - Building Blocks of the Universe "The Atom Song"**
ATOM CHORUS, LEAD PROTON, LEAD ELECTRON, LEAD NEUTRON, ATOM SOLOIST, DAVE, SARAH, LAURA AND JACK
- 7. The Proof Through Nuclear Fission - "Meitner Matter"**
LISE MEITNER, DAVE, SARAH, LAURA AND JACK
- 8. Addressing a Historical Imbalance - "Women of Science"**
MARIE ANNE LAVOISIER, ÉMILIE DU CHÂTELET, LISE MEITNER, MILEVA EINSTEIN, DAVE, SARAH, LAURA AND JACK
- 9. Science Presentation - "The Ancestors"**
ALL CAST MEMBERS
- 10. Returning Home - "Stardust in the Stars"**
DAVE, SARAH, LAURA AND JACK
- 11. Song - "Stardust in the Stars"**
ALL CAST MEMBERS
- 12. Encore**
ALL CAST MEMBERS

PRODUCTION

DIRECTOR AND PRODUCER, MUSIC DIRECTOR, E=MC² WEBSITE
David Collins-White

CHOREOGRAPHY
David Collins-White and Scene 8
Women of Science by Luahn Rosenthal

SET CONSTRUCTION
Lachy Campbell, Flynn Philip, Sofia Rozzo
and Clancy Saville

ARTWORK AND DESIGN FOR POSTERS AND PROGRAM
Chelsey Page

PRODUCTION TEAM
David Collins-White, Alexandra Dwyer,
Santino Emmi, Deborah Madden and
Lindsay Scandrett

PARENT PRODUCTION TEAM
Georgina Jenkins, Suzie Aitken
and Chelsey Page

HABERFIELD STAFF ASSISTANT DIRECTORS
Santino Emmi and Alexandra Dwyer

STUDENT STAGE MANAGERS
Jack von Dinklage and
Audie Gesmundo Stopka

FRONT OF HOUSE
Isla Eastwood, Tully Seville, Matilda
Burnell, Melissa Peng and Penny Tao

PHOTOGRAPHY
Matthew Clark, Mirna Rozzo
and Fernando Biondo Sant'Ana

BACKSTAGE
Jamila Mohamed, Kieran Martin,
Zayyan Zuberi, Walter Burnell,
Sofia Rozzo, Jack von Dinklage,
Basti Lucarotti, Ruby Lee and
Cody de Jersey

Mentored by: Santino Emmi,
Alexandra Dwyer and Deborah Madden

PROPS
Flynn Philip and Lachy Campbell

LIGHTS AND SOUND
Crystal Productions and assisted
by HPS student Oscar Kingston

HALL DRESSING
Geoff Newey - The Look

TICKETING AND PROGRAM
David Collins-White

COSTUMES
Michael and Fiona Shuai
and David Collins-White

VIDEO DESIGNER
Nevin Howel - Empire Slate Media

SOUND PRODUCERS
Paul Burjan, David Collins-White
and Lindsay Scandrett

STUDENT MEDIA CREW
Penny Tao, Jack Von Dinklage,
Cody de Jersey and Isla Eastwood



THANKS

Sincere thanks to these people who supported and assisted in bringing this production to the Haberfield stage.

RELIEVING PRINCIPAL
Kristy Haggett

DEPUTY PRINCIPAL
Katie Martin

PARENT VOLUNTEERS PRODUCTION TEAM
Chelsey Page and
Georgina Jenkins

HPS STAFF PRODUCTION TEAM
David Collins-White,
Deborah Madden,
Santino Emmi and
Alexandra Dwyer

All the staff at
Haberfield Public School.

I am SOOO confused – we are supposed to be finding out about C
– but we keep talking about light – shouldn't the next letter be "L".

A ha – well done Dave – "C" means light – it is from the latin
– Celeritas – which means speed.

DAVE AND JACK

WITH THE SUPPORT OF



SPECIAL THANKS TO



Theatrical Drapery
Hire & Installation

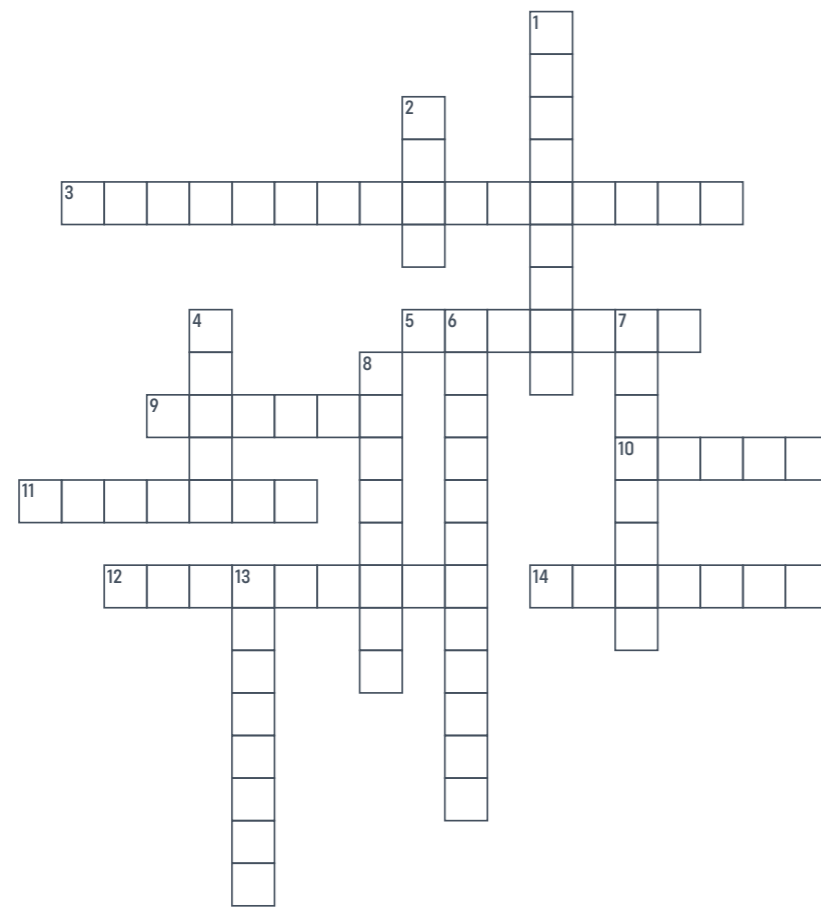


Printing &
Signage



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CROSSWORD



DOWN

1. Marie Anne & Antoine _____
2. Otto _____
4. The _____ of science
6. Surname of HPS music teacher
7. Region where musical first premiered in Australia
8. Protons, Electrons and _____
13. Mileva & Albert _____

ACROSS

3. Prof Michelle Simmons is a _____
5. The hero of the day
9. _____ du Châtelet
10. Einstein's famous equation
11. Lise _____
12. The people that came before us
14. Michael _____

