

# TEACHER RESOURCE PACK

PERFORM EDUCATION PRESENTS

# LAUNCH TO THE FUTURE

A STEM STORY



 **perform!**  
education  
20 YEARS  
IN 2020

 **perform!**  
VIRTUAL  
INCURSIONS

PERFORM EDUCATION VIRTUAL INCURSIONS

# FACILITATOR GUIDE

Welcome to the **Science/STEM in Schools Virtual Incursion** program **LAUNCH TO THE FUTURE!** Educating your students about Space and Lunar Science, the program features features New Zealand's contribution to space science and how STEM helps to drive the future!

Participating in this program is easy and integrates with the New Zealand Curriculum to seamlessly aid your teaching methods both at school and at home.

The Virtual Incursion program includes:

- A 45 minute live-on-film educational theatre performance
- Pre-performance Teacher Preparation video
- Post-performance Q&A videos
- Educational web portal with personalised school login for teachers and students
- Teacher Guide and Resource Pack
- Student digital games
- Student downloadable activities
- Schedule your classrooms for a live-stream 'Meet the Actors & Creatives'

## **BEFORE THE DAY OF YOUR VIRTUAL INCURSION**

1. Go to [PerformEducation.com](https://PerformEducation.com)
2. On the homepage select the Virtual Incursions **LOGIN** button
3. Use your school password provided to access the educational web portal for **LAUNCH TO THE FUTURE!**
4. Watch the 'Teacher Preparation' video – and share with all staff that will be assisting students to participate in this program
5. Discuss the program with your students, and the topics covered, and explain to students about the upcoming Virtual Performance.

## **ON THE DAY OF YOUR VIRTUAL INCURSION**

1. Stick to your scheduled performance viewing times for each grade/classroom. This will provide you with a structure for the day and a focused learning environment for your students.
2. Make sure you provide all teachers/classrooms/students that will be logging in with our web portal details and your school password.
3. One hour before your scheduled start time, log yourself into our web portal using your school password to ensure you familiarize yourself with how to access the live-on-film performance.
4. As each individual classroom/group session is ready, the teacher/facilitator or students simply needs to log into our web portal, enter their name and the school password, and then play the performance video.
5. The live-on-film performance will run for approx. 45 minutes. There is no need for the facilitator to pause at any time during the viewing of the performance.
6. However...as your access to the performance video is open for 7 days, you are able to structure your viewing/learning sessions. You may choose to spread the event over a few days. You could watch 25 minutes of the performance per day, and then break into a classroom activity found in this Teacher Pack. Alternatively, you may want to watch the entire performance in one session, and then on another day have students watch again as part of your review and further exploration of the content.
7. At the end of the performance your viewing can continue immediately, or on a separate day/time, with our post-performance Q&A recordings - available all year long to view and discuss.

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## How do we view the Virtual Incursion?

The Virtual Incursion is accessed through our website educational portal. All you will need is a screen big enough for everyone to see and an internet connection. You should check in with your school IT department to discuss what will work best.

The live-on-film performance can be watched in individual classrooms, the school hall, theatre, science lab, library, multipurpose room, or even have students log in and view from home!

You may also want to prepare instructions for any students who may be remote learning and need the portal website and school password in advance to login at home.

If you are viewing at school, you could use:

- Individual classroom interactive whiteboards
- Projector connected to a computer
- A large TV connected to a computer
- Individual students on their laptops

Then for each classroom/group that is viewing you will need a teacher/facilitator to guide your students with very simple-to-follow steps outlined in this Facilitator Guide.

## What is the Live-On-Film performance?

**LAUNCH TO THE FUTURE** is a 45 minute live-on-film educational theatre performance from *Perform Education* and performed by two professional actors.

In a series of sketches, professional actor/educators use audience suggestions to create uniquely hilarious scenes that educate on the moon and space science.

Students will learn:

- How science helps to solve the unsolvable (SCIENCE)
- Innovation drives technology (TECHNOLOGY)
- Space engineering helps design new solutions (ENGINEERING)
- How maths helps to drive the future (MATHS)

## **AFTER YOUR VIRTUAL INCURSION**

1. Have all teachers, staff and facilitators go to [PerformTeachers.com](https://www.performteachers.com), click on the name of this program, and evaluate the program – they will then go in a draw to **WIN \$200** for their classroom!
2. Then jump back onto [PerformEducation.com](https://www.performeducation.com)
3. Log into this Virtual Incursion program using the same password you used to view the performance
4. Utilise the year-round educational resources including digital games, activities and videos for your students
5. Take the opportunity to schedule a live-stream 'Meet the Actors & Creatives' session and have students chat directly with our team.
6. Now schedule a date for 2021 – with options once again for **LIVE** and **VIRTUAL** incursions!

**MANY THANKS FOR YOUR ASSISTANCE AND SUPPORT!**