

TERM 2 EDUCATION PROGRAMS 2018 NATIONAL MOTOR MUSEUM BIRDWOOD



The National Motor Museum is a place where students can learn in a unique environment. Through a range of hands-on activities, students will develop skills in historical thinking, teamwork, an understanding of the rich diversity of motor vehicles and the science, technology and engineering behind them.



We come to your school

Museum staff can come to your school bringing each of our programs. We travel to both metropolitan and regional school areas and offer regional outreach tours in different regions each term. For further information and bookings contact our Education Manager: Ian Reed [e: ireed@history.sa.gov.au](mailto:ireed@history.sa.gov.au) [t: 85684000](tel:85684000)



Students drive the truck!

NEW! Tom Kruse: *The Outback Mailman* HASS 3 - 7

This program explores the work of the legendary Tom Kruse who took the mail to outback stations and towns. Students will then take part in an exciting re-enactment of his journey from Marree to Birdsville within the Museum grounds or your school in a scale model half size electric powered Leyland Badger truck. Activities will include driving the truck, loading and securing the load, using an old HF radio, writing and posting letters, 'delivering the mailbag to Birdsville', using rope and pulleys to extricate the bogged truck and much more.



Lego© Works HASS R - 3

The Lego© works Car Factory is a practical educational program that allows students from Reception to year 3 to build a vehicle using Lego©. The program is designed for junior primary students to introduce exploration of the topics and themes on how cars are made and how assembly lines used to work. Each student receives a special badge to acknowledge that they have participated in the Lego© building program at the National Motor Museum.



Motor Works Design and Technology HASS 4 - 9

Motor Works is an interactive and practical educational program that allows students to create their own cardboard Model-T Ford on a production line. The program has been developed by the National Motor Museum to provide an educational interpretation of the motor vehicle and its impact on society. A video of the history of the vehicle is presented and a construction project introduced to build a Model T Ford. This project develops the student's knowledge of historical vehicles and understanding of the processes involved in the construction of the motor vehicle.



The Hawker Vans - Developing Historical Thinking HASS R-6

The Hawker Vans program examines the role of the Hawkers in the early part of the 20th Century selling goods from their vans. Based on the Hawker Vans exhibition at the Museum, students will participate in an inquiry based activity with replica Hawker Vans and their contents. Students handle old items which the hawkers sold and compare them to current day items which they are more familiar with. Early migration is discussed for middle primary.



Bush Mechanics Stop Motion Claymation using iPads

Year 3-9 HASS, Design and Technology

Linking to the Claymation episode of the iconic Bush Mechanics TV series, students will create their own characters and make a short movie using stop motion animation depicting Aboriginal bush mechanic themes.

EXPRESSIONS OF INTEREST FOR TERM 3:

STEM Scalextric Car Challenge Year 6 to 9



In partnership with **STEMNATION** and **DECD**, the Museum is currently trialing our STEM car challenge with three schools. We plan to roll this program out from Term 3. Schools can register their interest with us now. Details of program include:

- ◇ Museum visits school and runs the Motor Works education program where students compare and contrast old and new motor vehicle technologies. Students will make a cardboard Model T Ford on a construction assembly line.
- ◇ Schools participate in Scalextric car building challenge activity at their site. Teacher PD provided for the activity and schools are supplied car building kits and Scalextric track.
- ◇ Schools travel to the National Motor Museum where students do a guided education program exploring the evolution of automotive engineering and safety. A very hands on activity where students will receive a passport on completion.
- ◇ Students bring their completed cars to the Museum in a Scalextric EXPO family fun day where they will compete against other schools on our large track for a chance at winning prizes.



Bring your OSHC and Vacation Care Groups to the Museum in the school holidays and experience our popular programs

- ◇ Rev up your LEGO® building skills for Ramp Racers! Design, build and race your Lego hotrod, dragster or supercar down our track.
- ◇ Scalextric Race Circuit which allows groups of up to six children to test their hand-eye coordination skills and compete with each other in a safe and exciting environment.
- ◇ Students can make a stop motion iPad movie with our Claymation activity,

Visit the National Motor Museum at Birdwood (excursion)

One education program: \$7:50 per student \$3:00 equity
 Two education programs: \$10:00 per student \$6:00 equity
 OSHC Holiday Programs \$7:50

Museum comes to your school (incursion)

Cost \$600 (\$450 equity) includes two classes. Additional classes \$220

Information and bookings: Ian Reed - Education Manager 85684000 email: ireed@history.sa.gov.au



<http://motor.history.sa.gov.au>