

# S.T.E.M Circus Spectacular

**Curriculum Relevance:** Science, Technology, Engineering, Mathematics.

Additional Curriculum relevance: Creative Arts and PDHDE.

An interactive S.T.E.M concept circus show that entertains as it teaches.

Experience Science, Technology, Engineering and Mathematics during this highly interactive fun circus show. Suitable for early stage 1, though to Stage 3. Student's will be invited on stage to participate in fun, educational, entertaining, and surprising real life circus themed experiments that require awareness and knowledge of S.T.E.M based learning.

Students assist the skilful but clumsy Juggler to overcome obstacles, including gravity and other less predictable forces. Even the youngest student can advise the whacky Professor how to answer some serious sums. Speedy calculation skills are essential if you want to anticipate the effects of air pressure, before releasing bubbles big enough for N.A.S.A to spot through a telescope. Ballistics Bob needs to assemble an A-Grade Danger-Team to test theories of acceleration, drag, and thrust. If the team are successful at using their judgement, timing, and teamwork, they could safely design and engineer a record-breaking circus propulsion machine!

The show features a mix of low and high technology, game based learning, circus tricks and magic. The student's existing knowledge of coding, forces, materials, and circuits may help get them into the grand finale. The "All Star Circus Troupe" performs a high-tech P.O.V illuminated light show, using circus skills, sample choreography and state of art technology and teamwork.

Additional post show activities are suggested throughout, allowing the learning to continue when the students return to the classroom.

## What schools have said about Heidi's previous performances:

Excellent balance of science information and WOW factor. A very engaging and entertaining performance. Heidi was amazing. *Leanne Pearce. p - 6. Gladstone West State School. QLD.*

Excellent. First Class. Highly engaging and energetic, our students loved it. Interesting content. A lot of positive comments from the students. *Peter Roddy. Temora West Public School. NSW.*

**Price:** \$6.60 per student (GST included). **Suitable:** K, Preps to Yr 6. **Minimum Audience Size:** 130 students.

**Times:** Performance 50 to 60 minutes duration which includes Q & A . Set up 45 mins. Pack up 45 Mins.

**Requires** an indoor performing area 4m deep x 6m wide x 5m high.

Optimal space requirements: High ceiling (6 metres), ability to darken the hall (for optional Illuminated finale).

An Alternative finale is available if necessary.



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