

## **Curriculum Relevance:**

Mathematics Stage 1-3, English and Drama, PDHPE: Focuses on working mathematically across all areas of the syllabus. Problem Solving. Performing Arts, Circus and Storytelling. Being healthy, safe and resilient to overcoming problems.

## A Mathematical Concept Circus.

Roll Up! and have all the fun of the fair as you learn how mathematical concepts can help solve everyday problems. Ring Mistress Heidi Hoops will amaze you with her circus tricks of all proportions & dimensions. Ropes transform into spinning circles & with a crack of the whip the sound barrier is broken. All manner of objects are kept aloft in different juggling patterns and a staggering array of geometric shapes are created with those great circus circles, hula hoops.

But, Oh no! What's this? Circular Circus Central has changed their criteria for the Greatest Show On Earth.

Heidi Hoops needs to think smartly, act quickly and "do the maths" to find solutions to address the problems or her show will be just another Circus. She needs help.

Students will need to observe patterns, gather data and employ their skills of counting, fractions, arithmetic, measurement, space, geometry and probability if Heidi's Circus is to maintain it's status as the greatest Circular Circus. Most importantly, she will need the critical, creative thinking of the older students to help her solve her biggest problem and complete the show's incredible finale, the spectacular Geometric Set.

With audience participation, comedy, rope tricks, illusions, juggling, whip cracking and lasso spinning, everyone gets involved exploring the maths behind the excitement.

## What others have said:

Excellent – Very Engaging – Delightful. Heidi had a well-paced show that kept the students engaged. She challenged them with curriculum related maths questions. A very entertaining and informative show. Jacqui Coleborn. P to 6. Yelarbon State School . QLD.

This is the 4<sup>th</sup> year we've had Heidi perform. Our students are just as keen to come to her performances. They are still talking about it and hula hoops are being borrowed from the play equipment store. *Robyn Best. Gilgandra Public School. NSW.* 



Price:\$6.00 per student (GST Included).Suitable:Preps, K to Year 7.Minimum Audience Size:130 students.Times:Performance 50 minutes duration.<br/>Set up 45 minutes. Pack up 45 Minutes.Requires an indoor performing area 6m by 8m wide.





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