



# GLENHAVEN PUBLIC SCHOOL

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23 September, 2024

Dear Parents/Caregivers,

## STAGE 2 – CRAZY CONTRAPTIONS INCURSION

As part of our Stage 2 Science Unit, we have organised for Fizzics Education to run an hour-long workshop for Years 3 and 4 students. The incursion is all about design thinking to apply energy changes, momentum, gravity and friction to time-based challenge. Students will learn teamwork, fine motor and planning skills whilst discovering applications of simple machines such as levers, pulleys, wheel and axles and more.

The challenging content provides an opportunity for fair testing of ideas. It is all about applying their imagination to re-purpose objects to complete a task. It opens up discussions on potential vs. kinetic energy and the essential elements of engineering.

In addition, time will be spent ensuring that students understand how contact and non-contact forces affect an object's motion. Newton would be happy here with this STEM content!

<b>When:</b>	<b>Monday 4 November, 2024</b>
<b>Destination:</b>	<b>School Hall</b>
<b>Cost:</b>	<b>\$19.00 per student non-refundable</b>

Please note your child's attendance is optional. In order for your child to participate in this learning experience, please complete the online consent and payment via the School Bytes Parent Portal no later than **Friday 18 October, 2024**.

Parents who are unable to meet all or part of the expenses associated with this incursion are advised to contact the school to discuss options available **prior to Friday 18 October, 2024**.

Haylee Cole  
Assistant Principal

Kerry Maxwell  
Principal