

Recently Harry Peel attended the Annual 25<sup>th</sup> Design and Technology awards at the Triumph Vistor Experience in Hinkley, to receive The Royal Academy of Engineering Excellence Award for Outstanding Pupil: Age 12-16.

He won this award for his ambitious Year 11 GCSE Design Technology project. Harry gave himself the challenging goal of designing and manufacturing a gritter attachment for his ATV.

Harry's idea addressed the real issue on his family's farm: feed wagons and farm vehicles often struggle to access the lane in icy conditions, risking wasted produce and financial loss. By reusing materials on the farm and applying knowledge gained from visiting Econ, a professional gritter manufacturer. Harry analysed existing technologies and developed his own design and through 2D and 3D modelling he refined his concept into a safe, efficient and fully functioning product.



Harry's solution touched on all three Eduquas contexts; improving safety, supporting net zero through reuse and recycling, and sustaining farming as a cultural tradition. His ability to justify every design choice and explain each component's function demonstrated maturity far beyond



his years. He scored 100%.

You can learn more about the awards and hear Harry talk about his design on you tube by [clicking here](#)



**Harry is pictured receiving the award from Beccy Sanderson Senior Programme Manager with his DT teacher, Mr Clemmett**

Harry's project was part of the school's annual Design Area of Learning Exhibition featuring amazing Art, Photography and Design Technology work. This was a really well attended event celebrating the success of all of our talented students. Giving parents the opportunity to see the end result of months of hard work and inspiring younger students in their own Design projects.

