

STUDENT ACHIEVEMENTS



GREENPOWER

Wednesday was a big day for the #TeamBBG racing team, which saw six Year 10 students head to Blyton Race track to take part in the Green Power race day, in partnership with Bradford College.

The car came to BBG months ago as a kit car that students built and tested as part of their Year 9 Resilience learning. The project tested many different parts of their skill set as they assembled each piece, working as a team to complete the build. Once the mechanics of the car were assembled and fully working it was time to design the kart bodywork. The project is designed to develop the STEM (Science, Technology, Engineering, Maths) skills students have; they were challenged to select suitable materials and a design that could win the race!



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On the race day, the car was scrutinised to ensure it passed the safety tests, then the students had 2 hours to practise driving around the track, and change over between drivers in the pits. The batteries cannot be swapped during the 90 minutes race, so the team had to plan a strategy to get the best from the kart. The challenge was to try and travel the furthest distance over a 90 minute period of time. When not racing, the team were working together, deciding when to pull the car in to change drivers and when to tell them to speed up or slow down.

#TeamBBG got off to a great start in the race, and it was clear early on that 3 of the karts were similar in terms of speeds they could achieve. Max started the race and managed to get the team into first position, trying to brake as little as possible to conserve the battery life. Allegra ensured the driver changeovers went smoothly, with the team taking it in turns to race for around 15 minutes each. The last 5 minutes were tense, and 2 other karts were very low on battery. The last lap saw Freddie overtake our nearest competitor, as he raced ahead to the chequered flag to secure a victory for #TeamBBG!

Well done to all involved with the Green Power project- enjoy the victory!