

Belt Driven Car

Thank you to Foster Adem who is the Head of Faculty, Design and Technology at Trinity Grammar School in Kew, Victoria, who shared this project with us.

The silver car was 'designed' by a year 8 Trinity Grammar School, Design and Technology student.

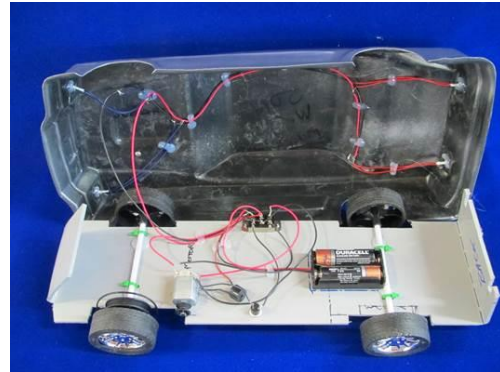
The vehicle body was based on orthogonal drawings from a website, with the timber mould being digitally scaled and modified to suit the vacuum forming process and a modified Scorpio Belt driven Car kit:

- Lighting circuits were designed using Crocodile Technology software and integrated into the kit's power supply
- The chassis was fabricated from PVC sheet to suit the vacuum formed shell
- The Belt driven car kit was modified to use longer axles and guide tubes to suit the design

Work in progress



Inside the silver car ...



A different body – a Ferrari ...



The work was the basis for an article in the school's magazine...

