

Research Task

1) What is the history of the Pitsco car challenge and why was it originally created?

2) Identify the energy source that the Pitsco car uses to propel itself forward. How does the energy source cause car to move?

3) Which of Newton's 'Laws of Motion' apply to the propulsion of the Pitsco car? How do they apply?

- 4) Identify a model of car that you find particularly appealing. Discuss the design factors which make their car successful or unsuccessful. You may wish to talk about: Aesthetics, form, aerodynamics, marketing, safety, etc. Include a sketch of the vehicle.



- 5) Discuss how vehicle manufacturing has evolved over the last 40 years. Mention mass production, mechanisation, computer design and automation.
