

Learning Outcomes:

Nature of Science	Students should be able to research and present information on the contribution that scientists make to scientific discovery and invention, and its impact on society
Physical World	Students should be able to design, build, and test a device that transforms energy from one form to another to perform a function; describe the energy changes and ways of improving efficiency
Biological World	Students should be able to evaluate how humans can successfully conserve ecological biodiversity.....appreciate the benefits that people obtain from ecosystems

Task

You are a member of your company's environmental impact group. Your company is developing new sports helmets. The helmets will be made from several synthetic materials. Before the final design is approved, your team must gather information about the natural resources used to make the synthetic materials. Based on your findings, you will recommend which materials should be used to make a helmet with the least environmental impact.

Show your knowledge of the scientific method to complete this task. You will co-create the success criteria for this task with you teacher and peers.