

Design Tasks



Aim

To understand how rollercoasters, lamps and mountain bikes are designed and created.



How Do you Design a Safe Rollercoaster Ride?



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Activity



Design your own rollercoaster ride for either very young children or older children and adults.

Explain why you included the features that you decided upon.

Designing and Developing Whilst Cutting Costs

Watch the video.

Try to make your own model using minimal amounts of card.



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Designing and Making Mountain Bikes

Watch the video about designers at a company which makes mountain bikes describe some of the processes and techniques used to construct their range of bike frames.



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Activity



Research different bike designs.

What are the similarities and differences?

Design a mountain bike for a friend.
Consider the materials, colour, size and frame design.

