

PROTOTYPES AND MODELS

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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MODELS AND PROTOTYPES
WHY IMPORTANT ?

TESTING THE PRODUCT
IDENTIFICATION OF FAULTS
DESIGN IMPROVEMENTS
IDENTIFIED
ASSESSING MATERIALS
EVALUATE FUNCTIONALITY
SHOW THE CUSTOMER
ASSESSING AESTHETICS
USED WITH FOCUS GROUP
SAFETY ISSUES
SAVES MONEY

PROTOTYPES AND MODELS



Large companies such as BMW still make full size clay models, made to look realistic. This helps them to design and develop top class cars.

A full size clay model of a BMW car.

Manufactured to help the designers further develop the car

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Explain the value of modelling and prototyping in the development of a new product.

4 marks

Give an example of a manufacturer that uses models, as part of the product development process.

3 marks
