



SPACE BUGGY CHALLENGE

Bid and Bod are making space buggies for their children, Dib and Dob. Dib's has huge wheels with caterpillar treads and lots of antennae. Dob's has 6 wheels and a roll cage to protect the driver. Each one requires different parts. Use the price list from Honest Marston's to work out how much each one costs. Remember that if you bulk buy, the price for all of them will have to part of your buggy cost unless you are using the surplus bits for another buggy. Sometimes bulk buys are a false economy (ends up costing you more – bit like multi-buys of salad in the supermarket which often gets thrown away because they don't get eaten before they go off!). Don't forget to take off any discounts and also to add the postage and packaging when you work out your bill.

Dib's Model Requirements

Material Needed	Quantity
Heavy Duty Wheels	8
Caterpillar Treads	2
Metal Axles	4
Metallic Steering Wheel	1
Wooden Offcuts (1 Bag Will Do Up To 3 Models)	
Perspex Sheets	2
Polystyrene Tubing	2.25 metres
Approximately 25 Screws And Nails	25
Approximately. 20 Washers	20
Nuts And Bolts	10
Pipe Cleaners	2
Pots Of Paint	4

Dob's Model Requirements

Material Needed	Quantity
Large Wooden Wheels	2
Medium Wooden Wheels	2
Small Wooden Wheels	2
Wooden Axles	3
Blue Steering Wheel	1
Wooden Offcuts (1 Bag Will Do Up To 3 Models)	1
Perspex Sheets	5
Polystyrene Tubing 1.25 Metres	1.25 metres
Approximately 15 Screws And Nails	15
Approximately. 20 Washers	20
Nuts And Bolts	8
Pipe Cleaners	8
Pots Of Paint (Not Same Colours As Dib's Model)	6

Remember that some of the materials can be used for both models so be careful not to duplicate your order! Have you got the best deal? Whose model will cost the most? How much did your own buggy cost to make? Don't count in labour costs!