



Scuderia Ferrari



Designing and Making a Moving Racing Car

You are going to design and make a racing car.
The racing car will need to be able to move across a surface.

Think about:

Wheels: Will the wheels be smooth or bumpy?
Will they be small or big?

Axles: How will you fit the axles to the wheels?

Chassis (the frame upon which the rest of the car is built): What will you use for the chassis?

Shape of the car: Will the nose of the racing car be pointed to help it move quickly? Will it be low to the ground?

Look at these pictures of the Scuderia Ferrari Formula One cars to give you some ideas.



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What materials will you need?

Labelled diagram of your design:

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Testing Box

Once you have made your moving racing car, test it to see how it works.

What did you find out?

Were there any problems?



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Evaluation

After you have finished making your moving racing car, think about what went well.

What did you like best about your moving car?

What would you change next time?

Circle the number of stars out of 5 that you would give your moving racing car.



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Send in some pictures if you have a go to: aen@birchington.kent.sch.uk and with your permission we will put them on the next newsletter.