

Jose Soltero  
E4  
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## **Report 5**

### **Name of the vehicle**

La Chivita

### **Names of team members**

Chief engineer Jose Soltero  
Designer Ernesto Velazquez  
Mechanical Engineer Benjamin

### **Best time**

3.25sec after some repairs

### **List of all bonus points**

I think got points for the beauty design and for passing the finish line

### **Time spent designing, testing, re-designing and building the vehicle**

I think that I spent about 24 hours doing this project

### **Thing to be improved**

I would make my vehicle with more traction and test my vehicle with different size tires. The vehicle was a little bit heavy so maybe make the vehicle lighter and reduce friction.

### **Materials**

### **price**

Tires and axle	\$2
Brackets 4	\$1
Nuts and screws 8	\$1
Mouse traps 2	\$.99
Wire for the arms	\$1.5
Fishing line	\$2
Epoxy	\$1
Everything else I founded at home	

### **Suggest changes to the contest rules/specifications**

I would reduce the distance to 10ft because some of the vehicles did not pass the finish line. I did not have too much time to make more repairs or change things around.



