Break your own land speed record!



front axle



serco

6

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2 F

balloon car

Fold up edges along fold lines A and B

Carefully cut out the BLOODHOUND SSC

SIP serco

EPSRC

and the second

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Turn the car over and cut the axle straw bearings to length and locate them parallel to one another at each end of the car in the sections marked front axle and rear axle

Fix with tape and turn the car over

Slide the axles through the straws and push on wheels



Place the other straw into the balloon nozzle and tape in firmly making sure there is a good seal



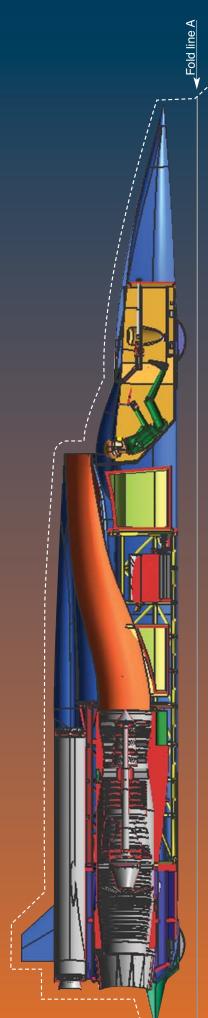
Fix the balloon straw to the rear of the car, so about 20mm is sticking out of the rear of the car



Blow up the balloon and have some fun! Think how the speed of the car might be improved

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rear axle



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Make sure your school is registered with the BLOODHOUND SSC Education Adventure.



World Land Speed Record facts

The first record was held by a French electric car in 1898 - 39mph

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The first British venue for the record was Brooklands in 1909 - 125mph



Sir Malcolm Campbell broke the record on nine occasions

The UK has held the record for over 25 years with Thrust 2 and ThrustSSC

Andy Green is the only person to have driven a car faster than the speed of sound in ThrustSSC - 763mph



BLOODHOUND SSC is being designed to travel at 1,050mph - 31% faster than ThrustSSC



oon straw

Bal

Sellotape here

Sellotape here

Also needed

Dowel axles x 2 MDF wheels x 4 Drinking straws x 3 Balloon Safety scissors Sellotape

Fold line B