



# Break your own land speed record!



front axle



Carefully cut out the BLOODHOUND SSC balloon car



Fold up edges along fold lines A and B



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



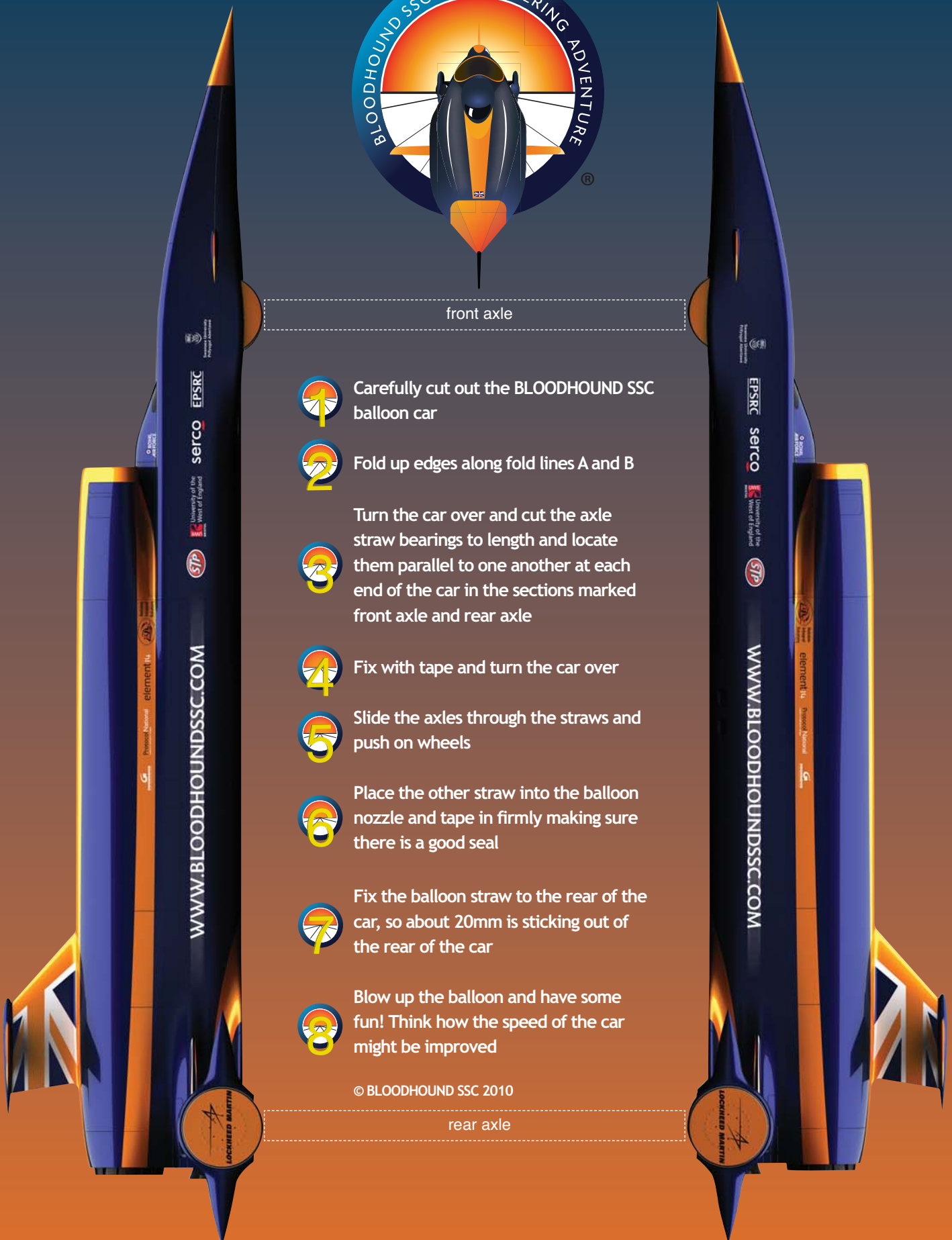
Fix the balloon straw to the rear of the car, so about 20mm is sticking out of the rear of the car

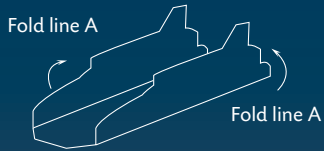


Blow up the balloon and have some fun! Think how the speed of the car might be improved

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rear axle





Fold line A and B up so cutaway internal of the car faces each other and external of car is on the outer side.



**BLOODHOUND SSC**  
THE ADVENTURE TAKES SHAPE [WWW.BLOODHOUNDSSC.COM](http://WWW.BLOODHOUNDSSC.COM)

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



## World Land Speed Record facts

- 1 The first record was held by a French electric car in 1898 - 39mph
- 2 The first British venue for the record was Brooklands in 1909 - 125mph
- 3 Sir Malcolm Campbell broke the record on nine occasions
- 4 The UK has held the record for over 26 years with Thrust 2 and ThrustSSC
- 5 Andy Green is the only person to have driven a car faster than the speed of sound in ThrustSSC - 763mph
- 6 BLOODHOUND SSC is being designed to travel at 1,050mph - 31% faster than ThrustSSC



Sellotape here

Balloon straw

Sellotape here

## Also needed

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