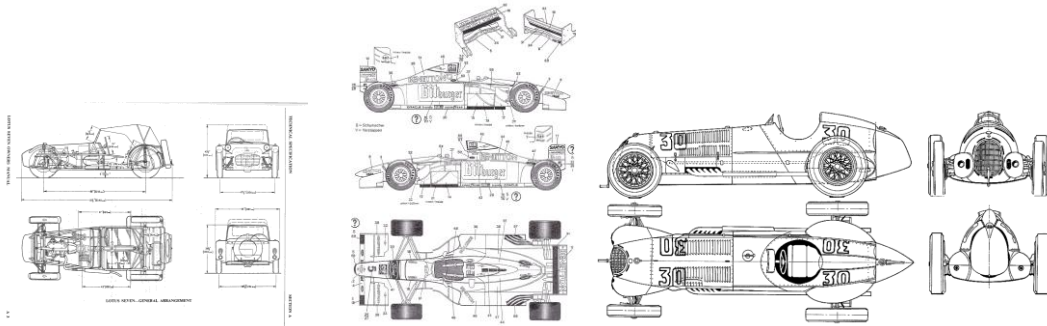


Name of Group/Boxcar _____ Names of Team Members _____

April 12th, 2012

A printout of the blueprints created on CAD Program will be turned in on this day. What will be included in the five page detailed report will be the blueprints, a list of what parts you will be using, pictures of the parts to be used on the car, and detailed measurements of the car including angles, length, width and height. (Quiz Grade)



April 19th, 2012

Updated Blueprints will be turned in along with any changes to the car design. Pictures will be due of the boxcar frame, (chassis of the boxcar that will be the foundation of your car; this will house the wheels and the car's steering column) already in construction. If the frame is not in place, you will have 7 days from this day to turn it in for 10 points off for being late. (3 Daily Work Grades)



April 26th, 2012

The Boxcar must be in full production, and the model of the car will be due on this date. (Quiz Grade) If the model is late, every day after the due date will decrease the grade by 5 points. The model must come with a scale sheet and on this sheet; a detail of the cars dimensions will be outlined.



April 2nd thro May 15th 2012

The boxcar driver is officially considered to be in training. You will submit a name and picture of your driver, along with proof that they will be at least 16 years old on the day of the race. Please make sure that your driver is at their best in shape. We want them to be at their best during this time. There will be a new race and trophy added to this year's Boxcar Challenge. It will be an all out drag race that will document times in a 40 yard dash. In this race, you will be competing against the clock, not another car. The car with the best time will win "The Fastest Dragster Award" for Boxcar Challenge 2010.



May 15th, 2012



Cars being tested and 40 Yard Drag Race

The Drag Races will be held first during the day... May the 15th throughout the day the cars will be tested to see if they can go 900ft. During your class period you will be asked to test your car for the 900 feet and turn a drag race time of 40yards. Remember, if you do not want to participate in the racing, you do not have to. The test of 900 ft is for a grade, not the races. The racing is for bragging rights and trophies. We will be on a tight schedule that day so please make sure that you are ready to go during your class period.

The Pedaled Boxcar Race

The Pedaled Boxcar tournament will be held at 4:15p.m., on the Harlingen South Band Practice area. A track will be setup by Mr. Alvarez' students throughout the day and lanes will be clearly marked for the competitors. As soon as you can, please show up right after school to sign in your car and be entered on the tournament bracket. The awards ceremony will be held right after the champion is revealed and a pizza party given by Tapangan Pediatrics will follow. All parents, teachers, and students are invited.

May 16th, 2012

The Videos for each car will be due in your respective class periods. You will present them to your classmates and I will grade them.