

SAFETY DEVICE: Design Constraints

- All materials have a cost associated with them. Materials are available from the warehouse, and prices are listed on the “Materials Pricelist.” All costs in the final finished product must be accounted for, and all designs will ultimately be judged using a cost/performance ratio.
- The driver (egg) must be able to see clearly through the front of the vehicle.
- No part of the egg may be glued to any part of the car or safety device.
- The “front” of the car is defined as the end of the car that the driver is facing, just as if it were a real car.
- The car may not travel down the ramp backwards.
- No part of the safety device can extend beyond the base of the car (width or length).