

ECS Week Pinewood Derby

Schedule		
February 16th Build Day #1 4-7pm in Rogers 205	February 21st Build Day #2 4-7pm in Rogers 102	February 23rd Race Day! 5-7:30pm in Teal Lobby Snacks and drinks provided!

QUALIFICATIONS:

STANDARD CLASS

1. Width should not exceed 2-3/4 inches.
2. Length should not exceed 7 inches.
3. Weight should not exceed 5 ounces. (This weight may be achieved by adding provided weights.)
4. The car must have 1 3/4" clearance between the wheels.
5. The car must have 3/8" clearance underneath the body so it does not rub on the track.
6. Axles, wheels, and body should be from the materials provided.
7. Wheel bearings, washers, and bushings are prohibited.
8. No lubricating oil may be used. Axles may be lubricated with the provided powdered graphite.
9. The only force that may act on your car for the duration of the race is the pull of gravity
10. No loose materials of any kind are allowed in the car.

OPEN CLASS:

1. Width should not exceed 2-3/4 inches.
2. Length should not exceed 7 inches.
3. Axles, wheels, and body should be made from the materials provided.
4. Use good engineering judgement concerning the safety of your design in an indoor environment

NOTES: Tournament will be conducted Double Elimination style. Races will be judged by a faculty member aided by a slow-motion camera.