**Evaluation and Assessment**

Assessments for this lab consist of two parts, participation and formal lab write-up.

1. Participation:
   > Students work with partner. (5pts)
   > Students clean up work area. (5pts)
   > Students show respect for others during boat building and on race day. (5pts)
   > Students keep track of their materials. (5pts)

   Participation score is open to individual teacher preference. Generally, each aspect of participation is worth 5pts. (I deduct 1pt every time I have to get a student back on task.)

   Daily participation = 20pts

2. Formal lab write-up:
   > Every student is responsible for their own lab write-up. Each portion of lab write is individually scored:

     *Problem* = 5pts
     *Hypothesis* = 10pts
     *Research* = 10pts
     *Experiment* = 10pts
Data = 10pts
Conclusion = 25pts
Total lab write-up = 70pts

Mini-lab evaluation:
1. Speed:
   > Students chart and calculate speed. (5pts per station.) Total worth 30 pts.

2. Friction mini-lab:
   > Students write effect of each substance. (5pts per station) Total worth: 30pts.
   Students should describe how some substances lasted longer or worked better at reducing friction.