

FAQs for NC

"Bottle Rockets - NC has made it that they are to be 1 L or smaller? Also, seltzer water bottles have carbonated water listed - just clarifying in case for a tournament that they are appropriate (as long as it fits the launcher specs, I haven't checked this yet)

Seltzer bottles are fine and seem to fit the launchers. Remember, the best way to check if it will work on the launcher is to put a ½" pvc pipe in the end. As long as it slides in and out easily, it will work on the launcher. NC is following the national rules for this event, and they have picked 1L or smaller bottles this year.

Write It, Do It - how many sheets of paper will the WRITERS be allowed? One year the students were allowed as much paper as they needed. The next year, they were unexpectedly limited to one sheet.

Paper is never supposed to be a limiting factor in WIDI.

I can't get the Avogadro system to show me the raw scores--it just says "loading." What am I doing wrong?

I jumped the gun by telling coaches that you could see last year's scores. It is coming, but the developer isn't ready to release that function quite yet. Most of you should be able to log in and see that you are connected to a tournament now, we are working our way through the tournament list.

"ROAD SCHOLAR: The 2014 NC State Story Exam states that students may use ""A transparent piece of paper or plastic to put over the maps. You may clip this to the maps, and mark on the transparency."" IS A TRANSPARENT PIECE OF PAPER ALLOWED FOR 2017? IF SO, IS A TRANSPARENCY OR TRACING PAPER ACCEPTABLE? HOW MANY SHEETS?"

The rules are a little vague on this one, but it says that you can bring 'other measuring devices' so if your tracing paper is to measure with, there is not a limit.

Can the egg assembly be attached after inspection?

As long as your devices are assembled in the allotted amount of time.

Can we use adapters for the motors on the Hovercraft?

Yes.

When my Wind Power kids are testing their blades, sometimes the fan blows the entire setup backwards. They want to know if they are allowed to duct tape the base to the ground/table at the competition so that it stays in place?

Our setups don't usually blow over, but you can hold the bottom of the stand if needed.

STEM Design Challenge: What is allowed as a mass on the cup to hold it steady?
The event leaders will supply each team with a golf ball and cup, which might have something taped to the top just to keep it from blowing around. You can use anything that you want to practice, the weight has nothing to do with the event.

I wanted to check on the height of the barrier for trajectory. In the handout it says 2 M but a few years ago it was considerably lower.

It is higher this year because there is no target to aim for. Students can toss it over anyway that they like, just so it goes over the barrier.