

Charlottesville Kidwind Renewable Energy Challenge

Where?

St Anne's-Belfield School Belfield campus
799 Faulconer Dr, Charlottesville, VA 22903

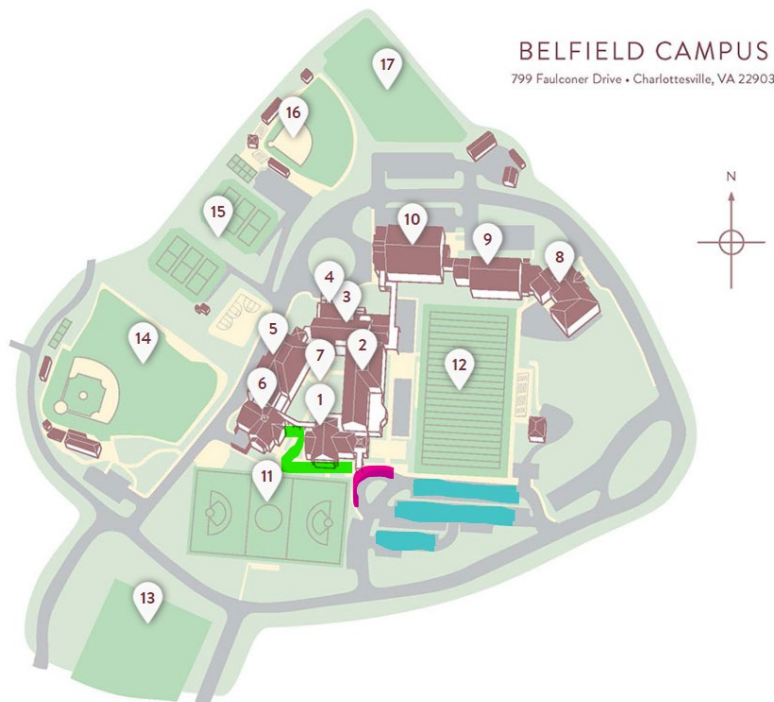
When?

March 7th, 2024. Check in is from 8am-9am. The day will end at 3:15pm

What to bring:

- Lunch/Snacks: We recommend teams pack a lunch. Local delivery options may be available, or team chaperones can leave campus to bring back food.
- A filled out and signed parent form for each child
- A Profile Form filled out for each team (Novice for elementary/middle, advanced for high school)- if not filled out in advanced be prepared to fill one out on the day of
- Your project and accompanying documentation (any posters, notebooks, etc.)
- Solar teams: please bring a small box (such as a tissue box) with your team name on it. This will allow other teams to vote for your team for the People's Choice Award. Envelopes will be provided to teams who do not bring a voting box.
- A device per team to take the knowledge quiz via Kahoot

Parking: Parking is available for cars and busses in the main lot (highlighted blue). Busses can take multiple car spaces. There is no charge for parking and no check in is necessary. Teams can unload in the pink highlighted zone. Teams will then follow the green highlighted path to the entrance.



Instructions/Notes for the day:

- Upon arrival, teams will follow signs to the check in area to check in with a volunteer. Volunteers will point you in the direction of your team table where you will set your project. There will be 2 teams per table.
- Review the following schedules for the day. **Please note your team’s time to meet with judges, and when they will be taking their knowledge quiz.** Arrive 5 minutes before scheduled time to be on deck to meet with the judges. In addition to meeting for a judge interview and taking the quiz, wind teams must test their wind turbine in the tunnel for a score during the 9:30-1:50 time period.
- Wind teams each have 15 minutes to meet with judges. About 7 minutes will be their presentation, 3 minutes will be questions from judges, then 5 minutes bumper time for entering/exiting.
- Solar teams each have 20 minutes to meet with judges. About 7 minutes will be their presentation, 5 minutes will be a demonstration of their project, 3 minutes will be questions from judges, then 5 minutes bumper time for entering/exiting.
- Vote for People’s Choice Award: Each team participant can take a ticket and place it in one Solar team’s voting box/envelope.
- Coach of the Year Award: Students have the opportunity to elect their coach as the coach of the year award. Winners will be announced on social media in May. Be sure to follow us on facebook and instagram @casejmu
- The top 2 teams from each division will be invited to the state competition on April 6th at JMU. The divisions at this competition are: 1) Middle School Wind 2) Highschool Wind 3) Middle School Solar. Please note the middle school division is for grades 4-8.

Schedule:

Time	Event	Location
8-9am	Team arrive, check in, and can test their wind turbine without scoring in open tunnel testing	Check in: Outside Dining Room Wind tunnel testing: Dining Room
9-9:30am	Welcome	Auditorium
9:30-9:40am	Break	
9:40am-1:40pm	<u>Tunnel Testing</u> - Wind teams must test their wind turbine in the tunnel at least once for an official score <u>Judge Interviews</u> - Teams meet with judges according to the schedules below <u>Knowledge quiz</u> - Teams test their knowledge in a Kahoot style quiz	Wind tunnel testing: Dining Room Judge Interviews: Location announced day of Knowledge quiz: Auditorium
1:40-2:25pm	Free time activity. TBD.	TBD
2:25-2:40	Teams take a group picture	Auditorium
2:45-3:15pm	Award Ceremony	Auditorium

Judge Interview- Middle School Wind

Time	Team	Coach
9:40	The Originals	Eric Drongowski
9:55	The Windogs	Eric Drongowski
10:10	Team Gold	Eric Drongowski
10:25	The Xlokks	Melanie Stine
10:40	The Aeolians	Melanie Stine
10:55	The Red Pandas	Melanie Stine
11:10	Team Zephyr	Melanie Stine
11:25	Microscopic Timmys	Doug Heishman
11:40	Astronomical	Cassie Wilt
11:55	Team RKH	Emma Cordell
12:10-12:40	BREAK	
12:40	AMUN	Jon Barber
12:55	Venti	Jon Barber
1:10	Striboy	Jon Barber
1:25	Great Barrier Reef	Linda Doherty

Judge Interview- Middle School Solar/High School Wind

Time	Team	Coach
9:40	Wilbur S Pence Middle School 1	Cathy Glick
10:00	Wilbur S Pence Middle School 2	Cathy Glick
10:20	Wilbur S Pence Middle School 3	Cathy Glick
10:40	Life Savers	Eric Drongowski
11:00	Team Float	Eric Drongowski
11:20	The Scanners	Eric Drongowski
11:40-12:10	BREAK	
12:10	Goochland Energy Bulldogs	Michele Hope

Knowledge Quiz Schedule

Time	Teams
9:40	The Xlokks, The Aeolians, The Red Pandas, Team Zephyr
10:10	Team RKH, Great Barrier Reef, Microscopic Timmys, Astronomical
10:40	AMUN, Venti, Striboy, Goochland Energy Bulldogs
11:10	Wilbur S Pence Middle School 1-3
11:50	Life Savers, Team Float, The Scanners, The Originals, The Windogs, Team Gold