



Young wind engineer at the 2017 Colorado KidWind Challenge

As the world is increasingly powered by wind energy, it is more critical than ever that we develop a workforce and public who understands the complexities of this new power generation. For over 15 years, KidWind has been committed to teaching the world about wind through curricula, materials and our premiere competition, the KidWind Challenge.

The KidWind Challenge is a hands-on wind turbine design competition that engages 4th-12th grade students in investigative inquiry through the lens of wind energy. The highlight of the event is the performance testing of student-designed wind turbines in powerful 4 foot tall wind tunnels. Students are also asked to document and present their design and construction process, understand the consequences of how we generate and consume energy, and engage in a variety of challenges to gauge their on-the-spot engineering and problem-solving skills.

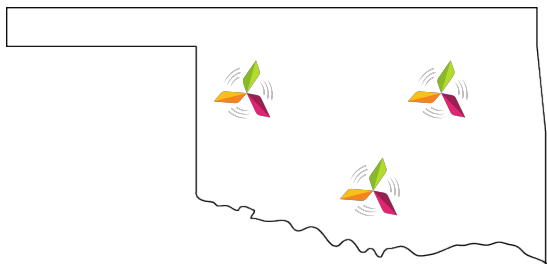
Since 2009, KidWind Challenge events have been successfully implemented in 26 states, culminating in a national event. Over the past 9 years, roughly 19,000 students have competed in close to 200+ events. During 2018-19, the KidWind Challenge and our partners impacted over 35,000 students who built and tested thousands of turbines. We organized 37 educator workshops, resulting in 32 state-level challenges in 24 states, culminating in the 2018 National KidWind Challenge at AWEA's WINDPOWER in Chicago, IL.

KidWind's impact goes far beyond the students who attend a state challenge. More than 70 percent of the educators who attend our local trainings go on to use KidWind lessons and materials in their classrooms to expose students to wind energy concepts and technologies. Your support of the KidWind Challenge develops a future workforce that understands and is excited by the POWER of WIND.

KidWind is the Power of Wind Energy Education!

2019-20 KidWind Challenge

STATE Programming



We have the following plans for KidWind outreach in STATE in the 2019-2020 academic year.

- **Classroom visits all over STATE**
- **Xxx Teacher workshops**
- **KidWind Challenge on xxx**
- **Presentations at Science & Tech teacher conferences**
- **xxxxx**

Local KidWind Challenges are the backbone of our nationwide program. During the 2018-2019 academic year, we hosted nearly 50 KidWind Challenges in 26 states with over 5000 students participating. These Challenges were preceded by 40+ teacher training workshops to help educators prepare their students for the Challenge, and ensure a level playing field for all attendees. All of this will culminate at the 2020 National KidWind Challenge in June at the [AWEA WINDPOWER 2020](#) tradeshow in Denver, CO.

TIMELINE

Typically it takes 6 months to plan, organize, and execute a KidWind Challenge with an associated workshop.

- Month 1 Plan a training at a local school or partner location
- Month 2-3 Market training to schools
- Month 3 Host teacher training
- Month 6 Host a KidWind Challenge
- June 2020 Send Teams to National KidWind Challenge!

Why Challenge Training Workshops?

During workshops, educators gain the knowledge, tools, and confidence needed to successfully incorporate renewable energy STEM concepts into their classroom curricula and effectively prepare students for the upcoming Challenge.

KidWind's post-workshop surveys indicate that over 70% of attending teachers successfully incorporate the activities and equipment from the workshop in their classrooms. This – in addition to word of mouth among students and teachers and media coverage – leads to programmatic growth over time. The teacher workshops are one of the best methods to spread interest and engage more educators in the KidWind Challenge, while ensuring that students are learning and applying classroom information when competing.

2020 CITY, STATE KidWind Challenge Sponsorship Opportunities



KidWind Challenge Budget (One Location)

Science Museum Space Rental	\$2500
KidWind Challenge Staff Time, Travel Materials	\$5500
T-shirts/Food for Students & Volunteers	\$4000
Prizes	\$1000
Total Cost	\$13,000

2020 City State KidWind Challenges	Title (2) \$5,000	Champion (2) \$3,000	Advocate (3) \$1,000
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Your support of KidWind Challenges and related training targets your dollars to a community or locale that is important to your company. Help support one of our 40+ regional events around the US. We must have a \$8000 to plan and execute a local event, but at base funding we may not be able to provide prizes, t-shirts and SWAG.

- Opportunity to speak at a state challenge
- Volunteer and exhibiting opportunities for your company and staff
- Logos in all print and digital communications
- Logos on t-shirts and prize checks printed for participants
- KidWind Challenge t-shirts, water bottles and SWAG for your employees.



Wind Tunnel Row at 2017 National KidWind Challenge – Anaheim, CA

Interested in funding a local KidWind Challenge? Contact michael@kidwind.org

2019 National KidWind Challenge Supporters



2019-20 STATE KidWind Challenge Fundraising Status



Students presenting to Judges at the 2019 National KidWind Challenge – Chicago, IL

EVENT NAME	\$0	\$8000 of 1/9/2019	\$13K
		 It's a GO!	

KidWind needs all kinds of help as we work to train develop the wind workforce of the future! If you do not have the funds to financially support KidWind events in your area there are lots of other things you can do!

- **Volunteer!** We need judges and all kinds of hands to help pull off this interactive event!
- **Mentor!** Teams that want to participate in a local challenge often are looking for advice from wind experts. We will connect your staff with students and teachers who are always looking for experts in the wind space to work with their teams.
- **Spread the Word!** Help us spread the word about the KidWind Challenge and trainings in to schools and students in your region.

2020 STATE KidWind Challenge Supporters



TITLE SPONSOR



ADVOCATE SPONSOR

Interested in funding a local KidWind Challenge? Contact michael@kidwind.org

2020 STATE KidWind Challenge Partners

