

At One Energy, we are honored to have the opportunity to educate the surrounding communities on wind turbines, wind energy, and the work we do every day. We often host and provide tours at our North Findlay Wind Campus in Findlay, Ohio. These visits generally include a tour of our laydown yard (a designated area to store vehicles, electrical equipment, and turbine parts), and an up-close and personal view of our on-site wind turbines. Visitors also get a tour inside our office and can attend a presentation meant to provide further education on wind energy and One Energy.

We host all kinds of groups from retired teachers to students of all ages. So, in honor of the wonderful and curious minds who visit our campus every year, here are some word problems to brighten your day!



We love hosting students of all ages!



The inside of the turbine is always the most interesting part!

Level 1a: Whenever we have a group of students on-site, we present them with a challenge. Can they reach the whole length of a blade if they all stand together, with their arms stretched out, touching at the fingertips? The blade is 142 feet long, so it is exciting to see when a large group comes close to measuring up to this challenge.



Let's say we have a group of 3rd-grade students coming to our site. If the average wingspan of the students is 4.083 feet, how many of them would it take to reach from one end of the wind turbine blade to the other? Round to the nearest student.

Level 1b: Sometimes our tour guides like to get in on the fun too. If it takes 26 tour guides to reach from one end of the blade to the other end, what is the average wingspan of the tour guides?

Level 2: One Energy's Chef, Mike, is making cookies for a large group of students over the course of two days. On the first day there is a group of 75 students coming in. On the second day, a group of 68 students are coming in.

Chef's oven can handle a batch size of 12 cookies, and each batch takes 14 minutes to bake. It also takes Chef 10 seconds to decorate each cookie. How long will it take Chef to bake and decorate all the cookies?