SUPERPOWERED℠ Challenge

FIRST LEGO LEAGUE EXPLORE

SUPER POWERED

Let's find out where we get energy and how we use it. This is an *energy journey*.

Explore!

Welcome to SUPERPOWERED℠! The children will explore the entire energy journey. Where energy comes from to how energy is used and all the steps in between. They will discover different energy sources and energy consumers. They will identify energy problems in their own community.

Now, explore the impact of our energy choices.

Create and Test!

The children will build a wind turbine, energy storage model, and carousel. They will explore coding and motorizing their team model. They will create their own energy journey and build different ways energy is captured, stored, distributed, and consumed. They will test and iterate on their energy journey and make choices to create the best solution.

Then, create a better energy journey for your community.

Share!

The children will record their ideas and designs in their *Engineering Notebooks*. They will share their builds and what they learned with others. Finally, they will participate in the festival, where they share their team posters and team models with reviewers, families, and friends. Most importantly they will…

Finally, share what you have learned and celebrate with others.

…HAVE FUN!