

With the LEGO Education Renewable Energy Add-on Set, children learn and understand renewable energy sources like hydro-energy, solar energy and wind energy as well as the technology behind ...

The LEGO Group achieved its ambition to balance 100% of its energy use with energy from renewable sources, and they did it three years ahead of schedule! This impressive feat was made possible ...

First, have students predict the average voltage and current of the Solar Station when positioned perpendicular to the light source at a distance of 15 cm (= 6 in.).

Well, traditional solar generators often require expensive materials and technical expertise, making them inaccessible to hobbyists and educators. LEGO, on the other hand, offers a modular, low-cost ...

Apply knowledge and skills related to simple machines, mechanisms, solar powered energy, performance, and fair testing.

Our team of experts are here to help find the solution that fits your students' needs.

Students will identify pros and cons of solar energy, as well as other types of renewable energy. Students will build solar cars. Students will test solar cars using multiple gear sizes to determine ...

In this lesson, students will engage in a hands-on STEM project where they design and construct a model city made from Legos that is powered by renewable solar energy.

To make the Solar Powered LEGO Car, you will need a few Lego Parts (including gears & axles), a small 9v solar panel, a mini 6 v motor (both with wires connected to them), and some ...

Our camp-style lesson plans are perfect for fostering a love of learning beyond the classroom. Students will be excited to stay engaged in these fun challenges for longer periods of time.

Web: <https://www.scmindustries.co.za>