

Explore transfer, transformation, storage and dissipation of energy with reference to conversion of solar energy to electrical energy

This is a test of the EV3 with the dSolar Solar Power system for LEGO Mindstorms. You can see more about the dSolar here:

Collect some information about solar power and how it's used in space. If you feel it's needed, plan a few lessons to go through the Robot Trainer unit in the app. This will help familiarize your students with ...

In 2023, Lego have a set that adds on to the Lego technic power functions and Mindstorms EV3 series. Included is a solar panel, wind power turbine blades, an electric motor which can be used as a ...

The robot was developed as prototype to evaluate the idea of rotating a solar panel to track the sun so that it maximizes power production. The robot was developed using the Lego EV3 robot kit, and was ...

Tracking the sun precisely is a challenging engineering feat. In this project, your challenge is to design and build a device to simulate the behavior of a solar tracker to track side-to-side a light source that ...

In this session, we'll build a very simple solar car (meaning a little car that gets powered with a solar panel) and then we'll hook up our spike prime coding platform on top of it and have some fun coding

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We will use this lesson for to explore how these project work and flow. What were big takeaways from the morning? What lesson will you tackle this afternoon? This idea comes from Joi Ito and the...

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