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Project-based learning is an instructional method in which students learn a range of skills and subject matter in the process of creating their own projects. Sometimes, these projects are solutions to a real-world problem. But what is most important in project-based learning is that students learn in the process of making something. They work in groups and bring their own experiences ...

30 Awesome EEE Projects for Electrical Engineers

The engineering design process is a series of steps that engineers follow to come up with a solution to a problem. Many times the solution involves designing a product (like a machine or computer code) that meets certain criteria and/or accomplishes a certain task. This process is different from the Steps of the Scientific Method, which you may be more familiar with.

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The Engineering Design Process - Science Fair Project ...

Mechanical Categories. Our mechanical engineering project kits are used by various engineers, researchers to be used as enhancements or building blocks to implement their own ideas. Our mechanical engineering project kits help developers, students build efficient mechanical engineering projects using efficient design technology. Also some kits are used by students in adding functionality to their existing final year mechanical projects or making new systems using our mechanical kits.

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These project-based lessons focus on basic principles of physics, structural, and mechanical engineering. All projects in the collection use the same set of materials, so it's easy and cheap to buy in bulk and create many of these activities (links are provided in-lesson). Rubber Band Helicopters - Engineering Project for Kids

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