

Power Plant Engineer

Power plant engineers design machines to create electricity for buildings or cities.

They solve problems to keep the systems working smoothly. They use physics to understand how electrical energy flows through different materials.

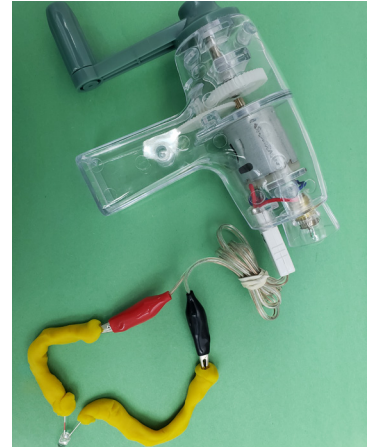


Your Project

Design a system for getting electricity to a new school.

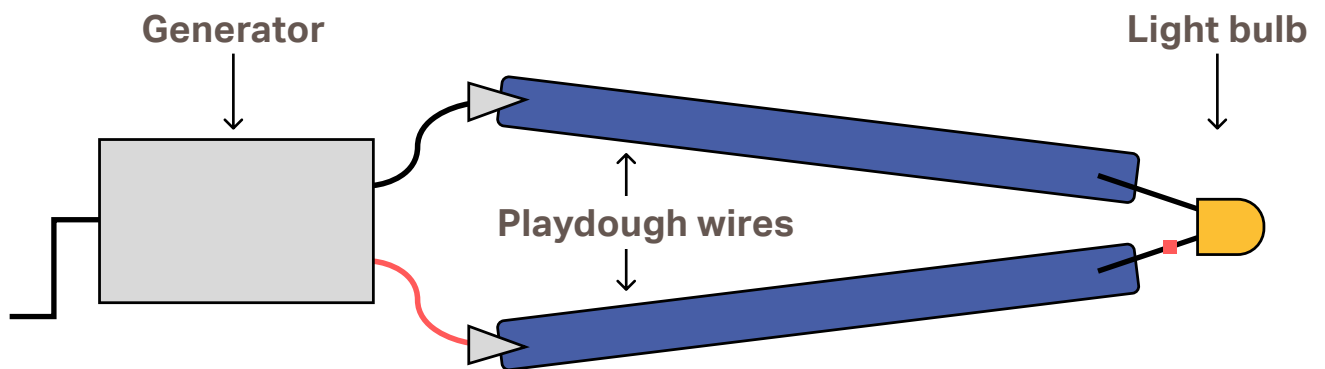
Use a model to explore how electrical energy flows and solve problems to improve the system.





Set up your model

Set up your system like this drawing. Solve any problems until you can light up the bulb.



Test your model

What parts of your model can you change? What happens? How can you make it work even better? Draw or write about what you try.



Draw your power plant design

How will you connect the power plant to give electricity to the school?



Reflect

How were you like a power plant engineer? What skills did you practice?



PLACE
STICKER
HERE