POWER TO EXPLORE
RADIOISOTOPE POWER SYSTEMS

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http://www.futureengineers.org/powertoexplore

It takes a special kind of power to explore the extremes of our solar system, and NASA wants to hear how it would energize your space exploration dreams! Your challenge is to research Radioisotope Power Systems (RPS) and dream up a new **RPS-powered space mission to any moon in our solar system.** RPS is a type of nuclear "battery " that, for over 60 years, has enabled many spacecraft to explore some of the farthest reaches of our solar system, including many different moons. **Our solar system boosts nearly 300 moons,** many of which remain mysteries to us. These moons provide an incredible opportunity for discovery!

Your entry should include:

Mission Destination: Tell us what moon your RPS-powered mission will go to and describe your mission goal(s). Keep in mind that your mission can either flyby, orbit, land, or rove.

Your Power: NASA missions are also powered by people–from mission planning and development to designing, launching, and operating a spacecraft. Tell us what you think your unique power is and how your special power will help you achieve mission success. Your power could be a skill, personality trait, or other personal strength that is uniquely you.

DRAFT YOUR ENTRY BELOW

Mission Name (Maximum 75 Characters)

Entry Text (Maximum 275 words)

Questions? Contact: support@futureengineers.org

DRAFT YOUR ENTRY BELOW CONTINUED

Entry Text (Maximum 275 words)