



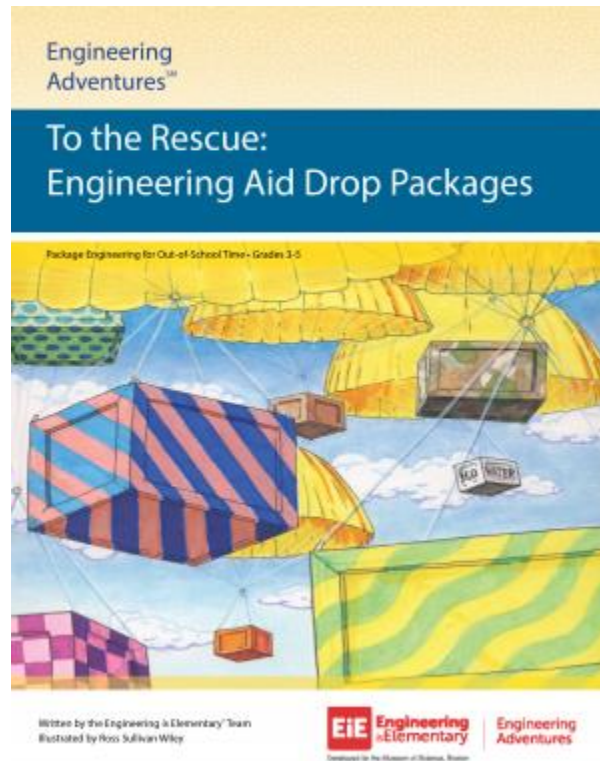
Brownies



Resources

By Troop 748

To The Rescue



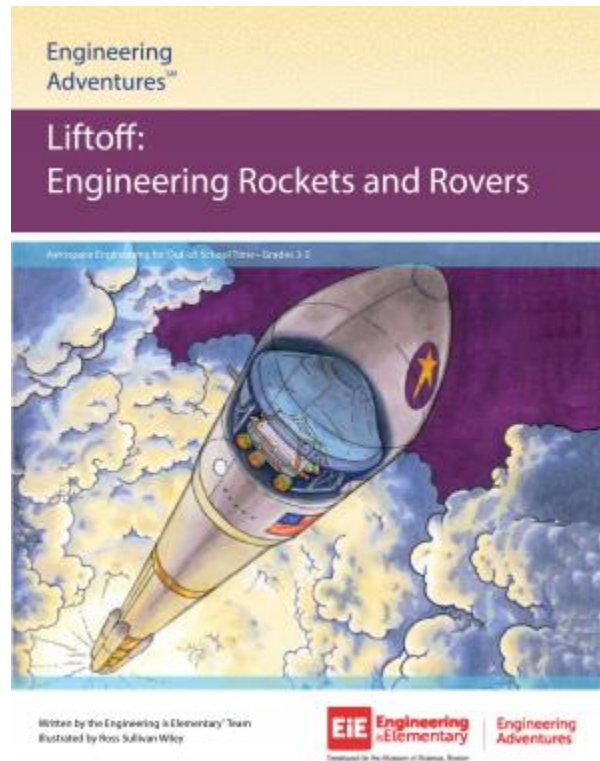
Description:

- **While travelling in Thailand, Jacob and India learn that monsoon rains can cause severe flooding that cuts people off from important supplies. Kids will help Jacob and India engineer “aid drop packages” that can be dropped from an aircraft, protect what’s inside, and are easy to find once they reach the ground.**

Works With:

- **Wonders of Water Journey**
- **Inventor**

Lift Off



Description:

- **Jacob is at NASA’s Jet Propulsion Laboratory learning how to engineer rovers that can be used to explore faraway worlds. Meanwhile, India is learning about the trade-offs and variables involved in engineering a rocket as she blasts off to the International Space Station. Kids will engineer rockets and rovers to help India and Jacob explore several planets and moons in our solar system.**

Works With:

- **Home Scientist Badge**
- **Inventor**



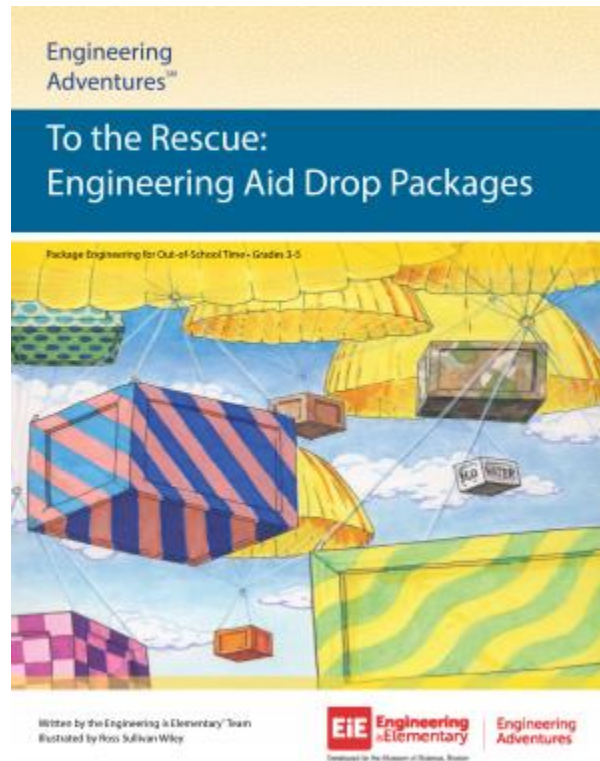
Juniors



Resources

By Troop 748

To The Rescue



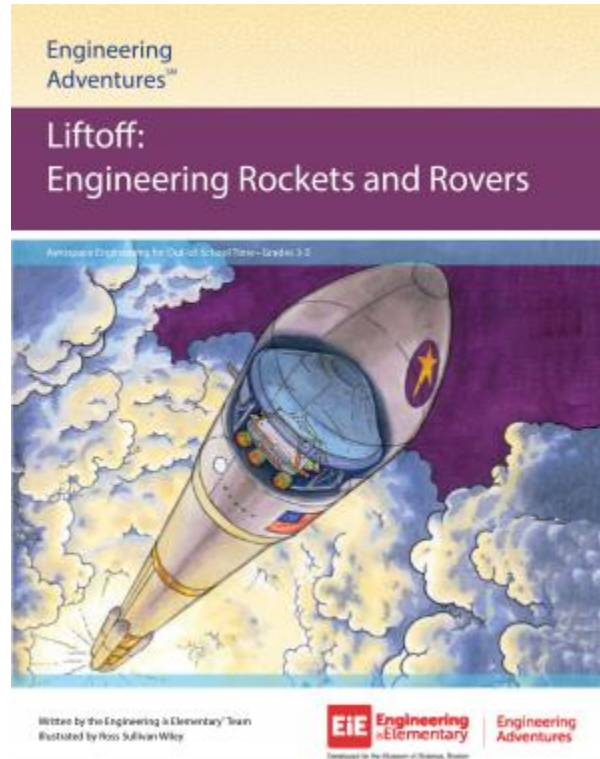
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Works With:

- **Geocacher**

Lift Off



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Works With:

- **It's Your Planet – Love It! Get Moving!**



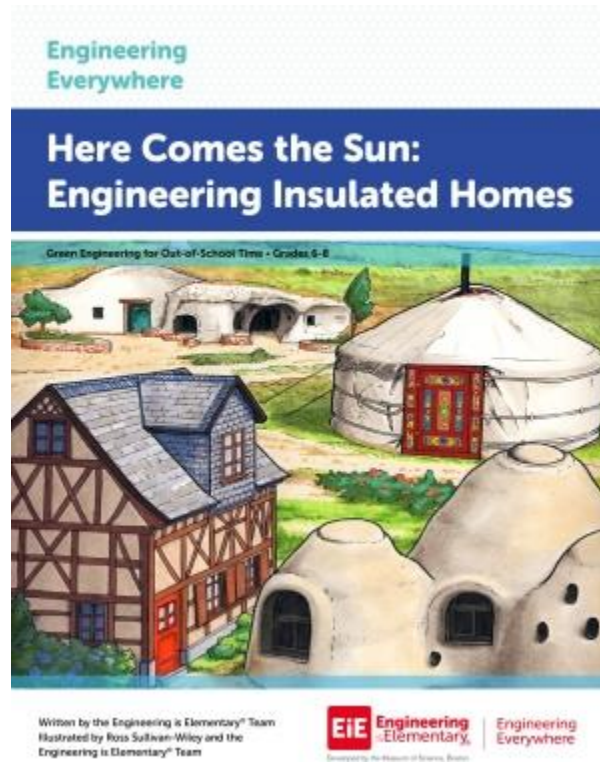
Cadettes



Resources

By Troop 748

Here Comes The Sun



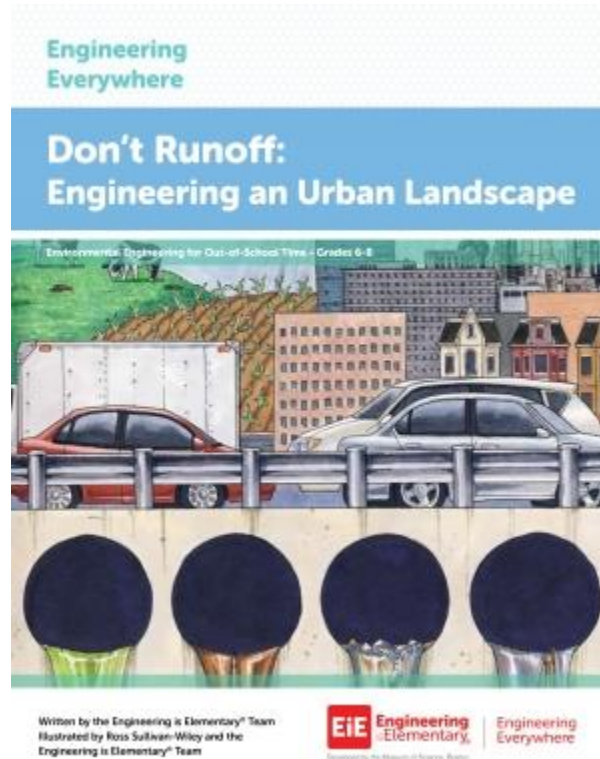
Description:

Keeping homes at a comfortable temperature takes a lot of energy. Use your green engineering skills to insulate a model home.

Works With:

- **Breathe Journey**
- **Entrepreneur**

Don't Run Off



Description:

When it rains, it pours—and when water can't soak through pavement, rain collects pollution that washes into rivers, lakes, and oceans. Use your environmental engineering skills to redesign a city and control stormwater runoff.

Works With:

- **Entrepreneur**