

# SCIENCE INVESTIGATORS

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## Properties of Water

It is strong enough to push over a tree or hold up an oil tanker. Experiments with surface tension and water pressure.

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## Getting the 787 off the Ground

Boeing engineers have been working on several problems that need to be solved before Boeing's newest plane can take flight. Today we are exploring some of the factors involved in the principles of flying and will try to get our model 787s to fly.



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## The Center of Gravity

How does gravity affect our ability to move and balance? What is it like in space under zero gravity? What is our size and placement in the solar system in relation to the sun and other planets and how do we stay position? And what do we need to defeat gravity?

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## Chemical Reactions

Acid or base, oxidation, dissolving, extracting---We perform experiments, observe what happens, and record our results. We classify everyday items in a new way.



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