

Teacher Guide - Spring Rocket Launcher

1. Tell the students to treat their new rocket with care.
2. Have them try to press down the cockpit and see that it bounces back.
 - Teach them that it bounces back because springs can store energy.
3. Have them place an eraser into the cockpit.
4. Have one of them load the spring back to the "1" mark.
5. Have another press the launch button.
6. Do this again at the "2", "3" and "4" marks.
7. Have them observe that the more the spring is compressed, the further the object flies.
 - Teach them that springs store more energy the more they are compressed