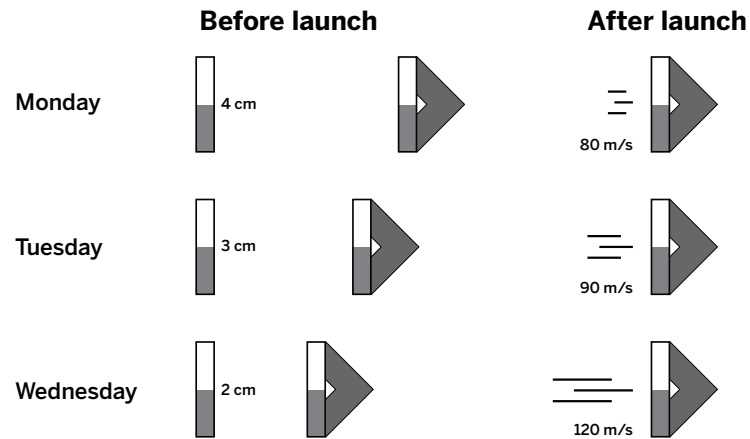
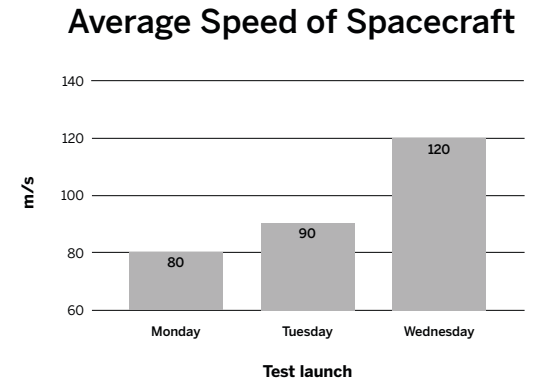


Evidence Card A: Distance Between the Launcher and the Spacecraft in Each Launch



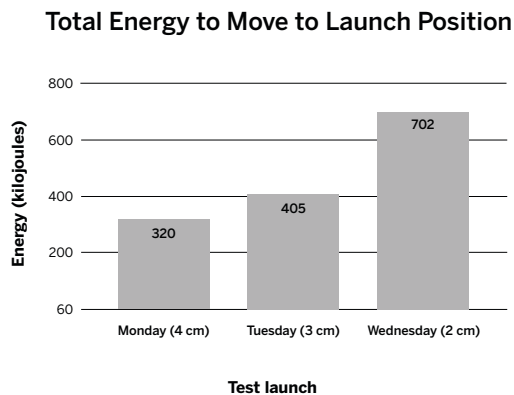
Evidence Card B: Average Speed of the Spacecraft When Launched

Test launch	Average speed of the spacecraft when launched	Increase from previous launch
Monday	80 m/s	----
Tuesday	90 m/s	10 m/s
Wednesday	120 m/s	30 m/s



Evidence Card C: Energy Used to Push Spacecraft to Final Position for Each Launch

The USA scientists calculated how much energy was used to push the spacecraft to each location during the setup process.



Evidence Card D: Simulating the Launches

In the Simulation, the force got much stronger in each launch as the spacecraft magnet moved the same distance closer to the launcher magnet.

Modeled test launch	Strength sensor (milliteslas)	Arrangement of magnets
Monday	1.7	
Tuesday	1.9	
Wednesday	27.9	

Evidence Card E: Energy Used to Push Spacecraft to Initial Position for Each Launch

During the setup process of each launch, the USA scientists recorded how much energy was required to push the spacecraft to an initial position of 4 cm away from the launcher.

Launch date	Total energy to reach initial position 4 cm from launcher (kilojoules)
Monday	320
Tuesday	320
Wednesday	320