

## Kids in Micro-g! Final Selections

<u>Status</u>	<u>Title and Description</u>	<u>Location</u>	<u>Grade Level</u>
National Winner	Water Absorption/Capillary: This experiment will determine the water absorption rates of two different materials.	Brownwell Middle School Grosse Pointe Farms, MI	8 <sup>th</sup>
National Runner-up	Bottle Blowing in Space: This experiment will determine if blowing across the tops of bottles filled with different amounts of water will create the same tones in space as on Earth.	Vaughan Elementary Powder Springs, GA	5 <sup>th</sup>
ARC Regional Winner	Speed: This experiment will determine if the radius (of the circle of revolution) affects the speed at which an outer object travels around a central object, and whether microgravity will change the results in this experiment.	Hamlin School San Francisco, CA	7 <sup>th</sup>
GRC Regional Winner	Water and Hot Sauce: This experiment will determine if adding water to hot sauce in a microgravity environment will affect its surface tension.	Brownell Middle School Grosse Pointe Farms, MI	8 <sup>th</sup>
GSFC Regional Winner-A	Newton's Space Office: This experiment will test Newton's Laws of Motion using a bag of paper clips.	East Hartford-Glastonbury Elementary Magnet School East Hartford, CT	5 <sup>th</sup>
GSFC Regional Winner-B	Motion of Projectiles: This experiment will investigate the effects gravity has on the motion of slingshot projectiles. Speed, distance traveled and path of projectile will specifically be studied.	Carl Sandburg Middle School Old Bridge, NJ	6 <sup>th</sup>
KSC Regional Winner	Low Gravity Artist: This experiment will study human adaptability focusing on the role that gravity plays in a human's ability to draw a picture.	Windy Ridge Orlando, FL	8 <sup>th</sup>
LaRC Regional Winner	Liquids in Microgravity: This experiment will determine if liquid will move from its original position inside a bottle while in microgravity.	Virginia Academy Ashburn, VA	8 <sup>th</sup>
MSFC Regional Winner	Water Absorption: This experiment will test the water absorption capabilities of various materials in a microgravity environment.	Vaughan Elementary Powder Springs, GA	5 <sup>th</sup>