A Dissolving Race

Mahad Mahamoud

Brief: Mahad’s research was inspired by the Metro Nashville Hands-on Science Kit Changes. Through the Changes curriculum students learn about chemical changes and mixtures.

Introduction:
Dissolve means if you put some solids in water they will vanish.

Hypothesis:
A sugar cube will dissolve faster than sugar grains.

Materials:
1 sugar cube
1 scoop of sugar grains
2 cups of water
1 scooper
2 stirring sticks

Methods:
Take one scoop of sugar grains and one sugar cube. Drop them in at the same time, and stir them both to see which one wins the race.
Acknowledgements: Mahad would like to thank his teacher, Ms. Tucker.

About the Author: Mahad is a second-grade student at Carter Lawrence Math and Science Magnet Elementary School.

Results:
the sugar grains dissolved before the sugar cube did.

Conclusion:
The sugar grains won the race because they are already in tiny pieces and the sugar cube was solid.