



STEM To Go



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Parachute Ready Engineer a parachute to help a skydiver land safely on the ground.	Page 5
Forces and Friction Observe the impact that friction has on the speed of a toy car.	Page 7
Bungee Jump Physics Test elasticity by dropping a bungee jumping egg.	Page 9
Edible Aquifer Create a model of an aquifer using edible items for each layer.	Page 12
Air Mail Challenge Design a packaging prototype to protect an item when dropped on the ground or on water.	Page 14
Rainforest in a Bottle Create an observable ecosystem in a bottle.	Page 16
Rockin' Roller Coasters Learn about different types of energy by building a roller coaster.	Page 18
Plastic Rescue Design a plastic collection device to remove plastic pollution from the oceans.	Page 20



Sliding Science

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Simulate the effects of landslides of varying strengths and their impact on local communities.

Dream Big

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Wrap up the semester with a goal setting activity.

