

Science IDEAS Writing Prompt: Energy, Tab 3: Force, Expository



You are riding on a skateboard. If you are on a rough asphalt road and you push off as hard as you can one time, you will coast for 20 feet before you stop. If you are on a smooth concrete sidewalk and you push off as hard as you can, you will coast for 30 feet before you stop.

What force is causing you to slow down to a stop on each surface? Why are you able to coast farther on one surface than the other?

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You are sitting in a go-cart that is not moving. John then pushed the cart and it moved. What caused the go-cart to be still? Why did John's push cause the cart to move?

Science IDEAS Writing Prompt: Energy, Tab 3: Force, Narrative

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You were in a tug-of-war contest which your team won. Write a letter to your friend that tells why your team won the contest. Remember to include unbalanced forces and net force.

Science IDEAS Writing Prompt: Energy, Tab 3: Force, Narrative



Imagine that you are a baseball, and are being used in a game. Write a story that tells about the different forces you feel during the game. Remember that any time an object's motion changes, there must be some kind of force acting on it.
