

Be forceful!



Observations

A push is a *force*. A pull is also a force. Forces can make things move. They can also slow things down. Some forces can make things move fast. They can make some things move faster than others.

Science activity

Samantha is playing with a ball. Color in the pictures where she is making the ball move fast.



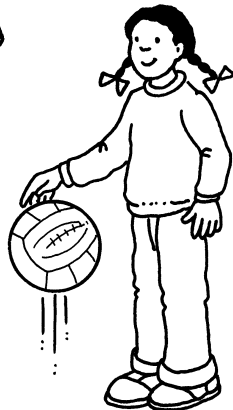
kicking



holding



throwing



bouncing



sitting

Which activity makes the ball go the fastest?

Science exploration

Drop marbles from different heights onto flattened clay or playdough. What happens to the clay?

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Science activity

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kicking



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sitting

Which activity makes the ball go the fastest?

.....kicking.....

Science exploration

This activity illustrates how a force can squash an object. Place the clay or playdough on newspaper. The higher the marble is dropped, the deeper its impression, because the marble exerts a greater force. The child is observing Newton's Second Law of Motion.