

Gravity Scavenger Hunt

Go on a gravity scavenger hunt and experiment with science!

Materials Needed:

Printed gravity scavenger hunt cards and drawing sheet (or create your own); various household and outdoor items to complete scavenger hunt (ball, piece of cardboard, toy car, slide, rock, leaf, paint, paper, cup of water).



Instructions:

Turn simple everyday activities into an exciting science experiment. Babies, toddlers, and preschoolers will enjoy rediscovering gravity!



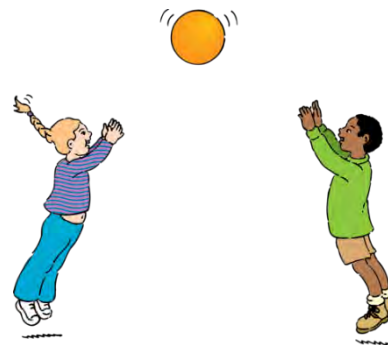
pixabay.com/photos/kids-slide-playground-equipment-2382932/

Cut out the gravity scavenger hunt cards and select cards that will work for the materials you have available. Lay cards in front of you and your child(ren). Let your child choose a card and do the experiment together. Draw it in your picture. See how many experiments you can try! Let your children invent more experiments to try and add them to your drawing.

For each card, notice the effects of gravity pulling everything to the ground. See if you can defy gravity! Throw a ball as high as you can!

Gravity is why things fall down and why we don't float off into space!

Discover more about gravity at spaceplace.nasa.gov/what-is-gravity/



Gravity Scavenger Hunt Cards



Gravity Scavenger Hunt

Toss a ball up, down, left, right, and behind you.



Where did the ball go?

Gravity Scavenger Hunt

Jump or hop as high as you can three times.



Where did your body land?

Gravity Scavenger Hunt

Pour water out of a cup, then throw water out of a cup (outside or on a plant).



Where did the water go?

Gravity Scavenger Hunt

Find something light and something heavy. Stand on a chair and drop both at the same time.



How fast did they go?

Gravity Scavenger Hunt

Go down a slide. Go up a slide (only if it is safe).



Which way was faster?

Gravity Scavenger Hunt

Place a piece of cardboard at an angle to make a ramp. Put toy cars on it.



What happened to the cars?

Gravity Scavenger Hunt

Fold a paper airplane and toss it. Make it fly as far as possible.



Where did the airplane go?

Gravity Scavenger Hunt

Drop wet paint onto a paper, then hold the paper vertically.



What happened to the paint?



Gravity Scavenger Hunt Drawing Sheet

Draw each object in your gravity scavenger hunt.
Think like a scientist! Did you find evidence of gravity?

