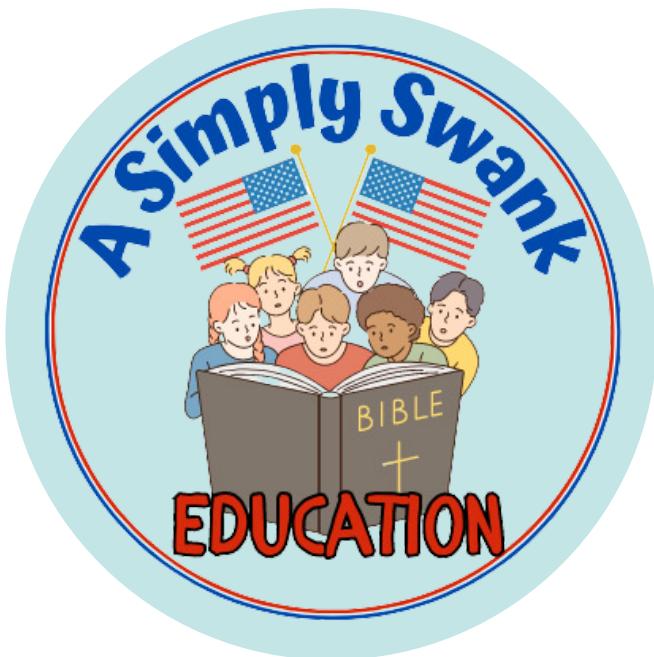
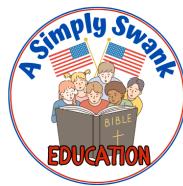


INTERTIA

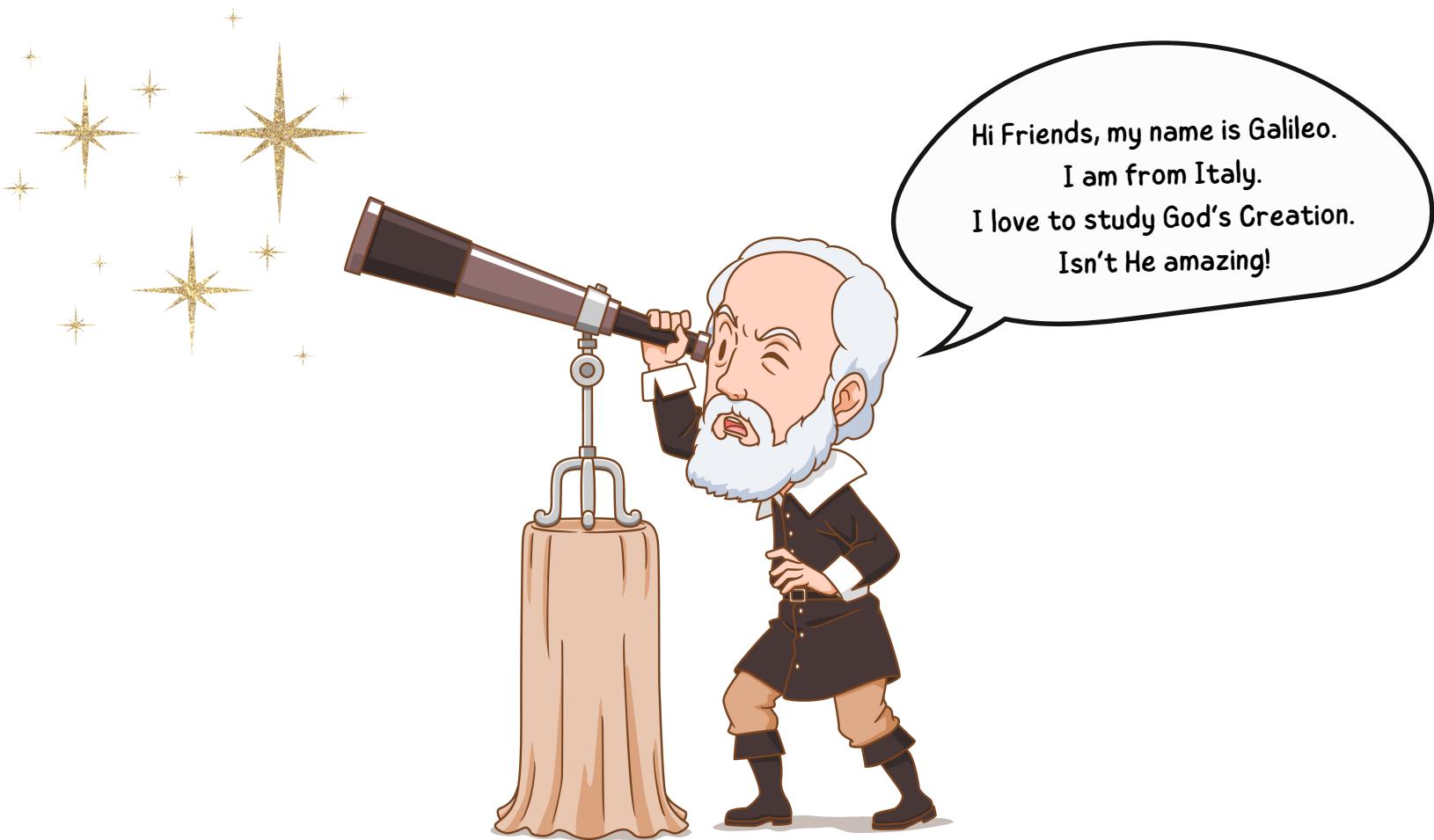


Name: _____





Name: _____





Name: _____



My name is Isaac Newton, I am a scientist who worked hard expanding the work of Galileo. You may remember me from another video where I almost got bonked by a very large apple.

• • •



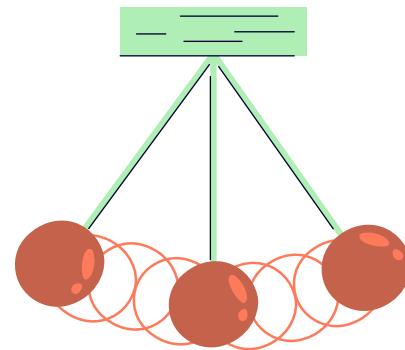


Name: _____

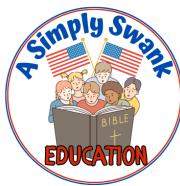


My work and discoveries are called
the Laws of Motion.

I theorized that motion always
works in certain ways. Let's talk
about that today.



My work and discoveries are
called the ____ of _____.
_____.

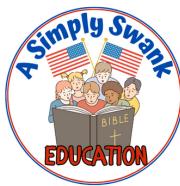


Name: _____

Inertia is a property of matter that makes it resist a change in motion. God gave all matter this special property. Thank you Jesus!



Inertia is a property of _____ that makes it _____ a _____ in _____.



Name: _____

The greater the MASS or amount of matter an object has, the more inertia it has.

Will that bowling ball knock over all the pins?



The greater the _____ or amount of _____ an object has, the more _____ it has.



Name: _____

Inertia allows the ball to roll in a relatively straight line down the lane until it hits something (pins). Inertia is a property of an object that makes it resist a change in motion.



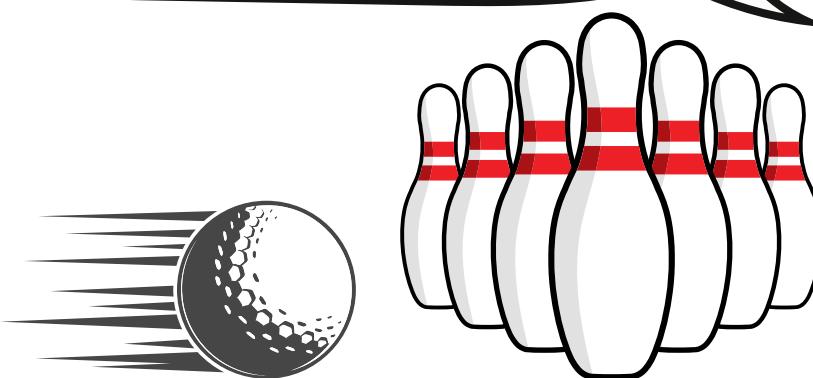
_____ is a property of an
_____ that makes it _____ a
change in _____.



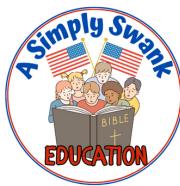
Name: _____

What if you were to roll a golf ball instead?
A golf ball has much less mass than a bowling
ball, right?

Would it take as much force to push it?
It takes less force to push a golf ball because
it has much less inertia than a bowling ball.



It takes less _____ to push a
golf ball because it has much less
_____ than a bowling ball.



Name: _____

How inertia works:

- an object at rest will stay at rest unless acted upon by an unbalanced force



How inertia works:

- an object at _____ will stay at _____ unless _____ upon by an unbalanced _____



Name: _____

How inertia works:

- an object in motion will move in a straight line unless acted upon by an unbalanced force.



How inertia works:

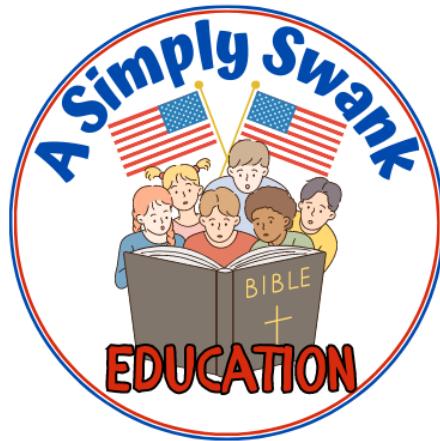
- an object in _____ will move in a _____ line unless acted upon by an unbalanced _____.



Name: _____

We are thankful to live in a world
that is designed by a God who
planned inertia, or this world would
be full of objects doing really crazy
and unpredictable things. Thank you
God for the promise of inertia

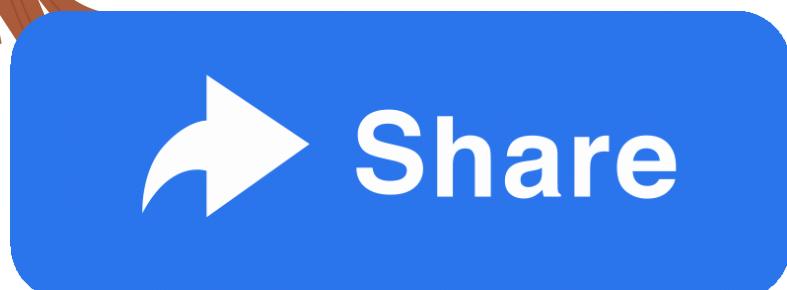




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THANK YOU ISAAC NEWTON
FOR SHARING YOUR APPLE AND
TEACHING US
ABOUT INERTIA



SEE YOU SOON