

The Tree Lab Trio



INTERACTIVE NOTEBOOK:

STUDENT PAGES: FORCES AND MOTION
VOCAB AND STORY PAGES

The Tree Lab Trio



Print out the following pages for
your students to fill in while
reading the story.

FORCE AND MOTION VOCABULARY

FORCE- what causes an object to ____ or ____

MOTION- when an object ____ from one place to another

PUSH- when force moves an object ____ from something

PULL- when force moves an object ____ something

INERTIA- when an object ____ doing what it is doing unless a ____ changes its ____ or ____

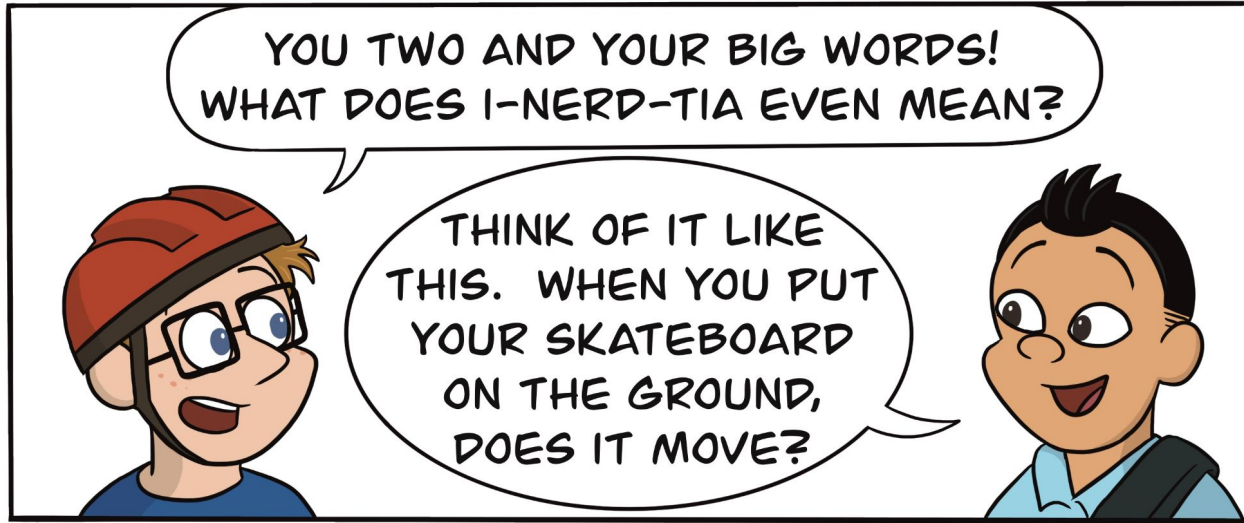


NEWTON'S FIRST LAW OF MOTION

Things that are _____ stay _____ until a force
_____ them. Things that are moving _____ moving until a
force _____ them.

Forces can be a _____ or a _____.





Inertia is when an object _____
doing what it is doing unless a _____
changes its _____ or _____ .

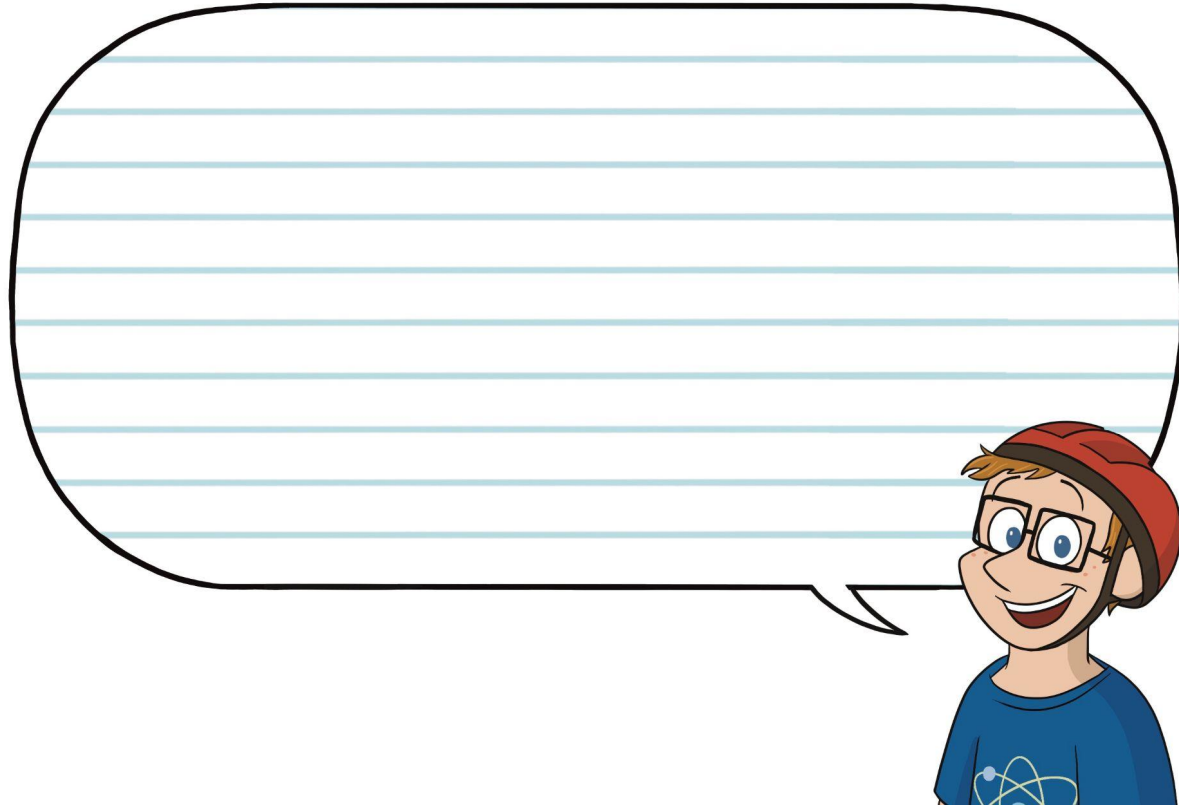


WRITE DOWN WHAT YOU THINK IS
GOING TO HAPPEN NEXT.

YOU JUST MADE A HYPOTHESIS.

A hypothesis uses what you already know to make a guess of what is going to happen in an experiment.

WHAT COULD SAM TELL YOU ABOUT
SIR ISAAC NEWTON?



WHAT COULD SAM TELL YOU ABOUT
FORCES AND MOTION?



The Tree Lab Trio



INTERACTIVE NOTEBOOK:

ANSWER PAGES: FORCES AND MOTION
VOCAB AND STORY PAGES

FORCE AND MOTION VOCABULARY

FORCE- what causes an object to move or stop

MOTION- when an object moves from one place to another

PUSH- when force moves an object away from something

PULL- when force moves an object toward something

INERTIA- when an object keeps doing what it is doing unless a force changes its speed or direction

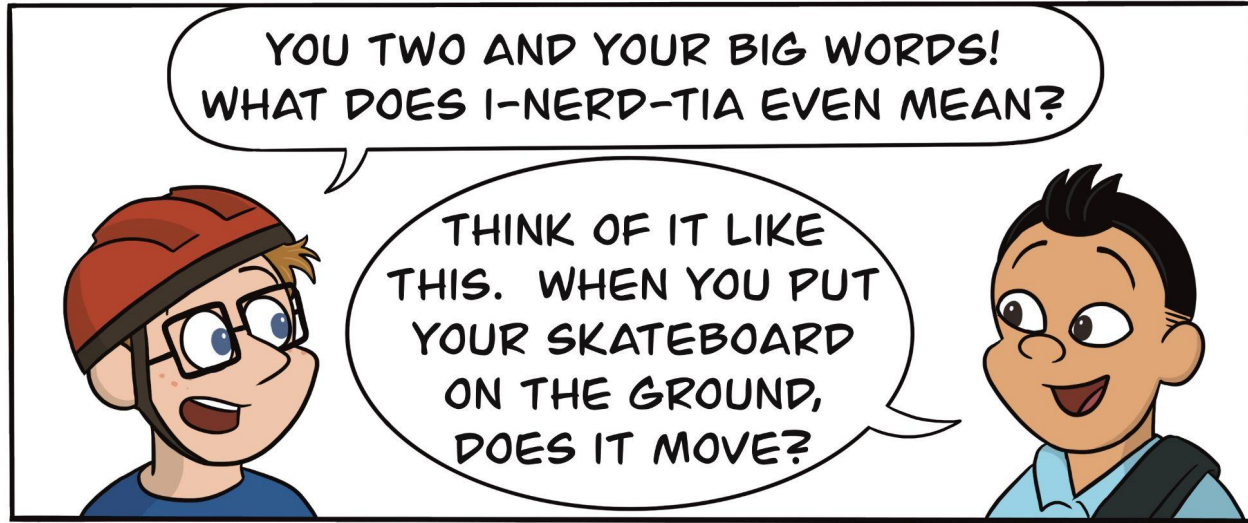


NEWTON'S FIRST LAW OF MOTION

Things that are stopped stay stopped until a force moves them. Things that are moving stay moving until a force stops them.

Forces can be a push or a pull.





Inertia is when an object keeps
doing what it is doing unless a force
changes its speed or direction.



WRITE DOWN WHAT YOU THINK IS
GOING TO HAPPEN NEXT.

STUDENT ANSWERS WILL VARY

SOME EXAMPLES:

I THINK SAM'S SKATEBOARD WILL STOP.

I THINK SAM WILL FALL INTO THE PILLOWS.

YOU JUST MADE A HYPOTHESIS.

A hypothesis uses what you already know to make a guess of what is going to happen in an experiment.

WHAT COULD SAM TELL YOU ABOUT SIR ISAAC NEWTON?

ANSWERS WILL VARY:

AN APPLE NEVER FELL ON HIS HEAD.

HE WATCHED AN APPLE FALL FROM A TREE.

HE FOUND A LOT MORE THAN JUST GRAVITY.

HIS DOG'S NAME IS DIAMOND.

HIS DOG DIAMOND SET HIS LAB ON FIRE.



WHAT COULD SAM TELL YOU ABOUT FORCES AND MOTION?

ANSWERS WILL VARY:

A FORCE IS A PUSH OR A PULL.

A FORCE CAN MAKE THINGS MOVE.

A FORCE MADE HIS SKATEBOARD STOP.

THE GROUND WAS A FORCE THAT MADE.

SAME STOP WHEN HE FELL OFF THE BALL.

THE PILLOWS WERE A FORCE THAT STOPPED.
HIM AT THE SKATEPARK.

