

PowerPoint Interactive Notebooks Printables

What is force?

Force is a **push** or a **pull** on an object. There is force whenever two objects **interact** with each other. Basically, force makes things **move!**

MAGNETS

A magnetic field is... We use magnets to...
Magnets are...
Magnets repel...
North Pole South Pole

Name: _____

MAGNETIC or NOT?

Draw a happy face if the object is magnetic. Draw a sad face if the object is non-magnetic.

Eraser	<input type="checkbox"/>	Lock	<input type="checkbox"/>
Key	<input type="checkbox"/>	Sponge	<input type="checkbox"/>
Paper	<input type="checkbox"/>	Feather	<input type="checkbox"/>
Staples	<input type="checkbox"/>	Spoon	<input type="checkbox"/>
Plastic	<input type="checkbox"/>	Hammer	<input type="checkbox"/>

Force & Motion Word Search

N	M	O	T	I	O	N
U	F	G	L	I	M	
L	K	O	G	S	H	
E	W	S	R	L	I	
E	N	M	A	C	N	
P	T	K	V	N	E	
S	H	I	E	W		
H	G	T	F			
B	N	Y	M	O		
I	O	N	U	N		

Weight Motion

When magnets are close to each other, you can feel them **attract** (pull toward one another) or **repel** (push away). Magnets can attract other magnets from a distance which is called the **magnetic field**.

3rd

Who is Isaac Newton?

Force And Motion

By: The Discovery Apple



Force and Motion PowerPoint Review

Name: _____

- Force is a _____ on an object.
- Forces can be measured using a _____.
- Magnets can attract other magnets from a distance which is called the _____.
- The two ends of a magnet are called _____.
- _____ is the force that slows down objects when they rub against each other.
- The more mass an object has and the closer you are to the object, the stronger the _____.
- If you drop a 20 pound ball and a 25 pound ball off a building, which one will hit the ground first?
- _____ is how hard gravity pulls down on something.

Force and Motion PowerPoint Review

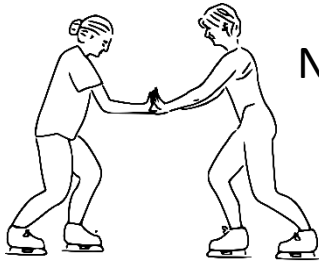
Name: _____

_____ is one of the most important _____ of motion.

_____ is one of the most important _____ of motion.

You can push and pull. _____ Pulling a wagon.

What is FORCE?



Name: _____

Force and Motion PowerPoint Review



1. Force is a _____ or a _____ on an object.
2. Forces can be measured using a _____.
3. Magnets can attract other magnets from a distance which is called the _____.
4. The two ends of a magnet are called _____.
5. _____ is the force that slows down objects when they rub against each other.
6. The more mass an object has and the closer you are to the object, the stronger the _____.
7. If you drop a 20 pound ball and a 15 pound ball off a building, which one will hit the ground first?

8. _____ is how hard gravity pulls down on something.

Name: _____

Force and Motion PowerPoint Review



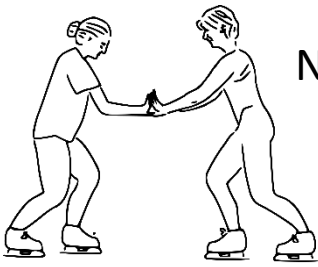
1. _____ is one of the most important scientists in history.

2. Explain Newton's first law of motion.

3. Explain Newton's second law of motion.



4. Explain Newton's third law of motion.



Name: _____

Force and Motion Answer Key



1. Force is a push or a pull on an object.
2. Forces can be measured using a force meter.
3. Magnets can attract other magnets from a distance which is called the Magnetic field.
4. The two ends of a magnet are called poles.
5. Friction is the force that slows down objects when they rub against each other.
6. The more mass an object has and the closer you are to the object, the stronger the gravity.
7. If you drop a 20 pound ball and a 15 pound ball off a building, which one will hit the ground first?
Both balls will hit the ground at the same time.
8. Weight is how hard gravity pulls down on something.

Name: _____

Force and Motion Answer Key



1. Sir Isaac Newton is one of the most important scientists in history.

2. Explain Newton's first law of motion.

An object at rest will remain at rest, and an object in motion will stay in motion with the same speed and direction unless acted on by an unbalanced force.

3. Explain Newton's second law of motion.

If you use the same force on two objects of different mass, you will get different accelerations (Changes in motion).



4. Explain Newton's third law of motion.

For every action (force) there is an equal and opposite reaction (force).

Force & Motion

Word Search

M	I	R	N	M	O	T	I	O	N
K	A	H	A	U	F	G	L	I	M
S	L	G	O	L	K	O	G	S	H
A	B	S	N	E	W	S	R	L	I
I	U	W	R	E	N	M	A	C	N
S	D	F	I	P	T	K	V	N	E
B	M	G	P	U	S	H	I	E	W
I	H	O	J	L	H	G	T	F	T
T	D	X	C	L	B	N	Y	M	O
F	R	I	C	T	I	O	N	U	N

Word Bank

Push

Friction

Weight

Pull

Gravity

Newton

Force

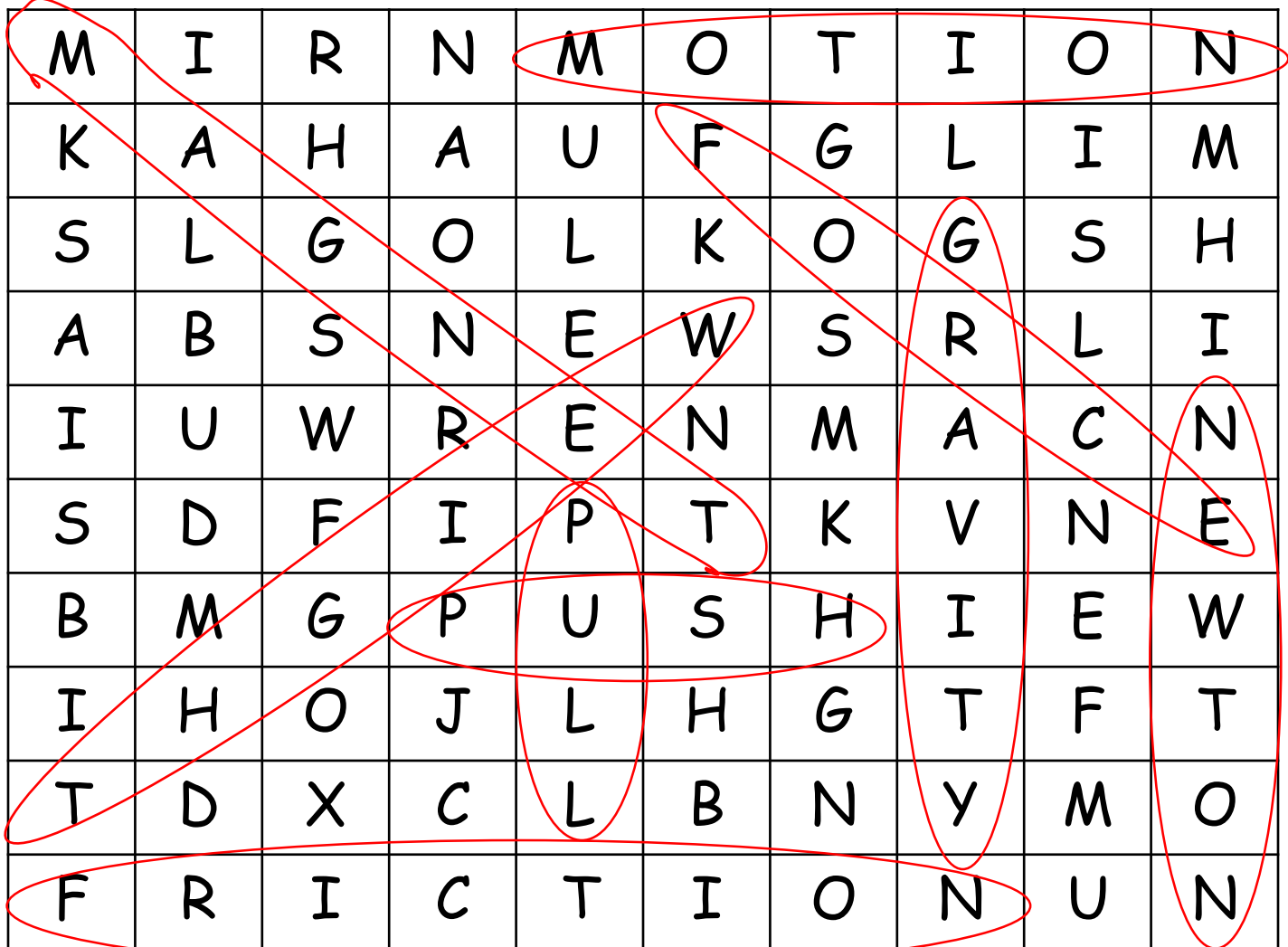
Magnet

Motion



Force & Motion

Word Search



Word Bank

Push

Friction

Weight

Pull

Gravity

Newton

Force

Magnet

Motion



What do you know about force?

Write an acrostic poem about force.

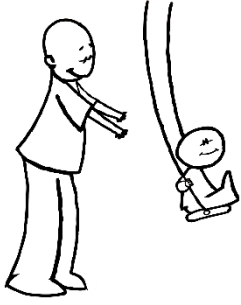
F
O
R
C
E

Name _____

Write and draw pictures of things you can push and pull.

Push

1. Pushing a swing



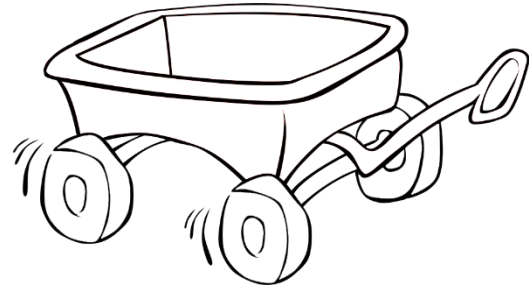
2.

3.

4.

Pull

1. Pulling a wagon



2.

3.

4.

Name _____

MAGNETIC or NOT

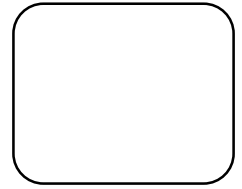
Draw a happy face if the object is magnetic.
Draw a sad face if the object is non-magnetic.



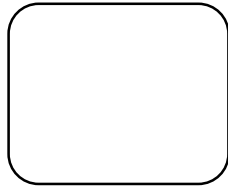
Eraser



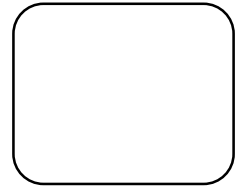
Lock



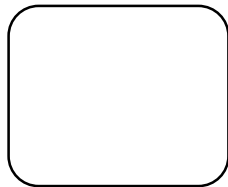
key



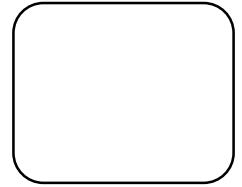
Sponge



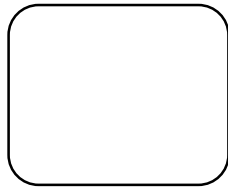
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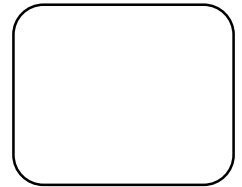
Feather



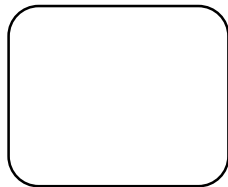
Staples



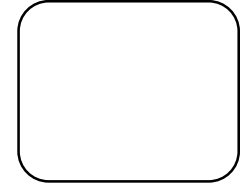
Spoon



Plastic



Hammer



Name _____

MAGNETIC or NOT

Answer Key



Eraser



Lock



Key



Sponge



Paper



Feather



Staples



Spoon



Plastic



Hammer



Thank You!

Hope you liked my Force and Motion Pack!

If you were satisfied with your purchase, leave feedback and it will be greatly appreciated 😊 (Don't forget, you receive TPT credit for every \$ you spend only after you leave feedback.) Follow me to receive updates on new items and freebies. 😊

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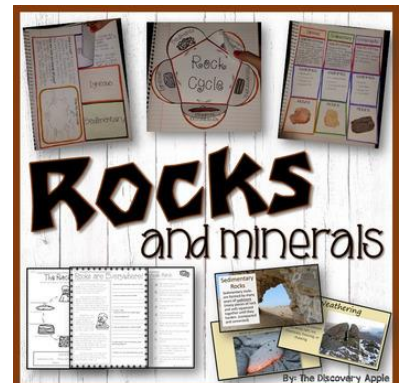
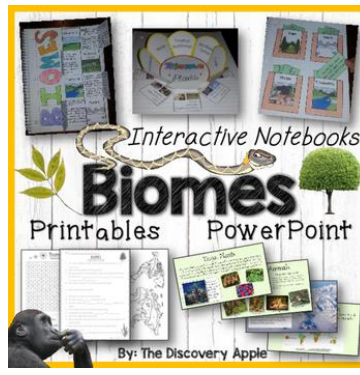
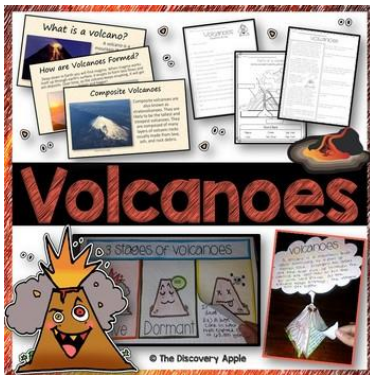
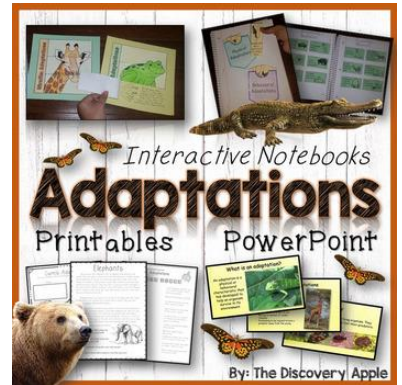
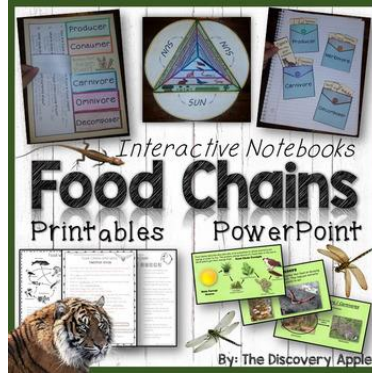
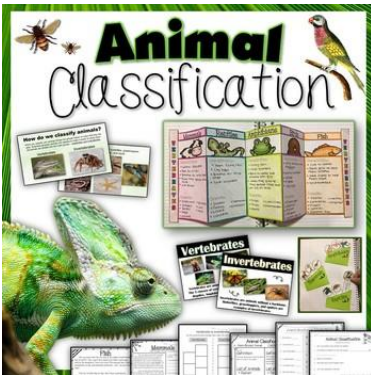
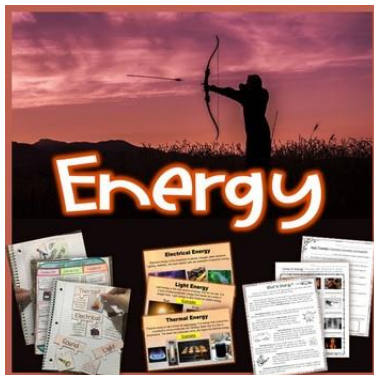
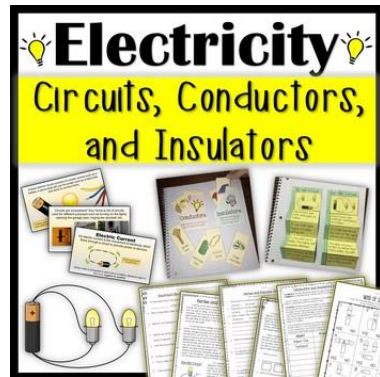
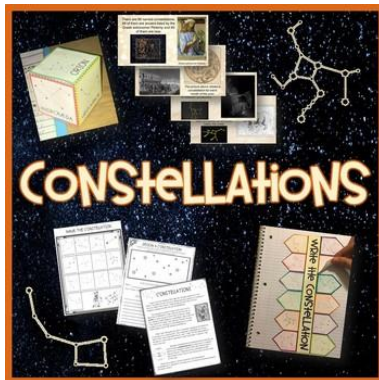
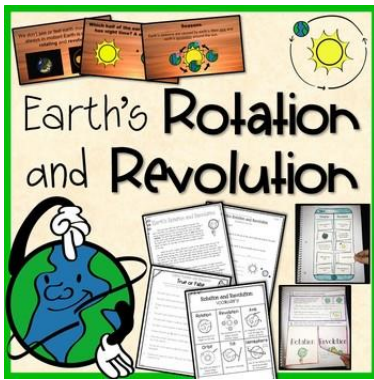
If you have any questions feel
free to email me at

thediscoveryapple@hotmail.com

If you need anything created for your class,
let me know!



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3 Units



Volcanoes

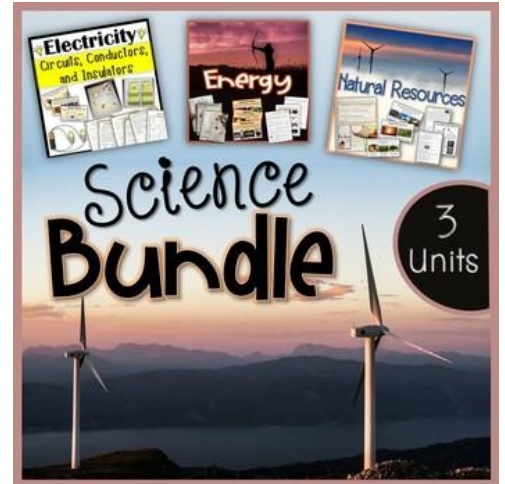
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Plate Tectonics

Earth's Layers

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Energy

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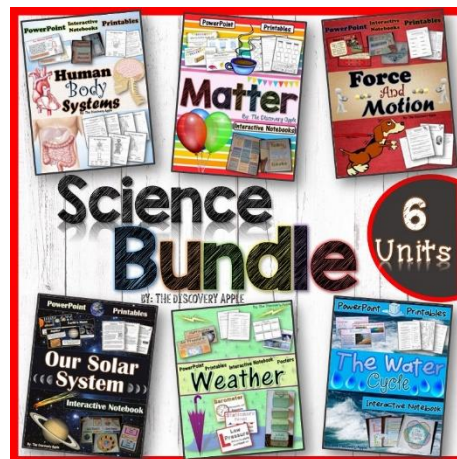
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