

What is a Force?

Use the words below to complete the passage about forces.

striking	gravity	touching	pull	interact	non-contact
contact	push	football	field	shape	magnetism

A force is a push or a pull on an object. When the direction of the force is towards the object applying the force, it is a _____ force. When the direction of force is away from the object applying the force, it is a _____ force.

Forces occur when two objects _____. For example, when you fly a kite, the wind and the kite interact. The wind pushes the kite. When the wind stops blowing, _____ pulls the kite down towards the ground. Gravity is a result of the Earth interacting with the kite.

There are two types of forces: contact forces and non-contact forces. A _____ force is a force that occurs when the interacting objects touch one another. For example, kicking a football. We make the _____ move by _____ it with our foot. If our foot doesn't touch the ball, we don't move the ball.

A _____ force is when there is no contact between the interacting objects. An example of a non-contact force is gravity. In the earlier example, gravity pulled the kite to the ground without touching it. _____ is another non-contact force. A magnet can attract magnetic objects within its magnetic _____ without _____ them.

Forces can make an object begin to move, change an object's movement, or change an object's _____.

Find the Words!

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

contact	non-contact	pull	push
interact	magnetism	gravity	force

What is a Force? Answers

Use the words below to complete the passage about forces.

striking	gravity	touching	pull	interact	non-contact
contact	push	football	field	shape	magnetism

A force is a push or a pull on an object. When the direction of the force is towards the object applying the force, it is a **pull** force. When the direction of force is away from the object applying the force, it is a **push** force.

Forces occur when two objects **interact**. For example, when you fly a kite, the wind and the kite interact. The wind pushes the kite. When the wind stops blowing, **gravity** pulls the kite down towards the ground. Gravity is a result of the Earth interacting with the kite.

There are two types of forces: contact forces and non-contact forces. A **contact** force is a force that occurs when the interacting objects touch one another. For example, kicking a football. We make the **football** move by **striking** it with our foot. If our foot doesn't touch the ball, we don't move the ball.

A **non-contact** force is when there is no contact between the interacting objects. An example of a non-contact force is gravity. In the earlier example, gravity pulled the kite to the ground without touching it. **Magnetism** is another non-contact force. A magnet can attract magnetic objects within its magnetic **field** without **touching** them.

Forces can make an object begin to move, change an object's movement, or change an object's **shape**.

Find the Words!

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

contact non-contact pull push
interact magnetism gravity force