SB Class ど Number Name: <u>唐睿陽</u>

Force and movement- The role of force

Warmer

- 1. What happens when an object is subjected to force? chang hape move
- 2. What are the two types of force? non-contact force , contact force

object shape can't change back

3. What is the elasticity limit (彈性限度)?

Language	1	
force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- 1. <u>confact</u> force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the <u>spring</u> vis related to the force.
- 3. A force can change the _____ of an object.
- 4. Magnetic force(磁力) is a non-contact force.
- 5. Weight can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

2. What changes can be caused by the action of forces?

3. How do you think you can perform better?

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

	S Class	8	_ Number Name: _	Jan 剧科	ر
Force and move	ment- The	role	of force	<i>(</i>	9'

Warmer

1. What happens when an object is subjected to force?

It! change the shape, move.

What are the two types of force?

3. What is the elasticity limit (彈性限度)?

Itizuhen the object can't change

Language

force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- 1. Comput force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the 为对的 is related to the force.
- 3. A force can change the Shape of an object.
- 4. Magnetic force(磁力) is a hon-contac
- 5. can measure force.
- 6. A force can make an Doie

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

Hra contact force games

2. What changes can be caused by the action of forces?

push hard or less

3. How do you think you can perform better?

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5B Class 24 Number Name: Sophia 享相宜

Force and movement- The role of force

Warmer

1. What happens when an object is subjected to force?

change shape, move

2. What are the two types of force?

non-contact force, contact

3. What is the elasticity limit (彈性限度)?

object

*性限度)? can't change back, it is elasticity limit.

Language

force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

1. <u>lontact</u> force is a type of force that needs the objects to touch for the force to work.

2. The length(長度) of the <u>spring</u> is related to the force.

3. A force can change the shape of an object,

4. Magnetic force(磁力) is a non-contact

5. Weight can measure force.

6. A force can make an object

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

+Orce contact

more power, if will be long, if use small 2. What changes can be caused by the action of forces? push, and if use

3. How do you think you can perform better?

don't push

- 1. The action of force can change the shape and state of motion of an object.
- Force can be divided into contact force and non-contact force.
- When the force of the spring is different, the length of extension is also different.
- Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5 B Class	19	Number Name:	趙	為	之	A++7
						13

Warmer

1. What happens when an object is subjected to force? change shape

2. What are the two types of force? non-contact force and contact

3. What is the elasticity limit (彈性限度)? When the object shape can't back, It's the elasticity limit (彈性限度)?

Language

-unguage			
force(カ)	object(物體)	influence(影響)	
shape(形狀)	non-contact force (超距力)	contact force(接觸力)	
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)	

- 1. contact force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the SDY MQ_lis related to the force.
- 3. A force can change the Shape of an object.
- 4. Magnetic force(磁力) is a non-conta
- 5. Weight can measure force.
- 6. A force can make an object

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force? contact

2. What changes can be caused by the action of forces? pWh

3. How do you think you can perform better?

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5B Class 5204 Number Name: 那些增



Eurce and movement- The role of force

Warmer

1. What happens when an object is subjected to force?

change · motion

2. What are the two types of force?

3. What is the elasticity limit (彈性限度)? ₇

Language

force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- 1. contact force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the SPring is related to the force.
- 3. A force can change the Shapp of an object.
- 4. Magnetic force(磁力) is a hon-confact Force
- 5. Weight can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

- 1. Is this game a contact force or a non-contact force?
- 2. What changes can be caused by the action of forces?
- 3. How do you think you can perform better?

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5B Class	5	Number Name:	Toby	1	+
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Warmer

1. What happens when an object is subjected to force?

2. What are the two types of force?

non-contact contact force

3. What is the elasticity limit (彈性限度)?

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		彈簧起	三号犁/	生學學度	2-	回来。

Language

force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- 1. <u>contact of force</u> is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the spring is related to the force.
- 3. A force can change the shape of an object.
- 4. Magnetic force(磁力) is a non-contact force.
- 5. weight can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

2. What changes can be caused by the action of forces?

pash more push bito

3. How do you think you can perform better?

郭是猫的有唇挥力。?

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

Ticlass ____ Number Name:

this A

Force and movement- The role of force

Warmer

- 1. What happens when an object is subjected to force?
- 2. What are the two types of force

于美国新加州Ald 起

3. What is the elasticity limit (彈性限度)?

爱园

force(カ)	object(物體)	influence(影響)
shape(形狀) 3	non-contact force (超距力) 4	contact force(接觸力)
spring(彈簧) 2	weight(砝碼) 5	elasticity limit (彈性限度)

- 1. <u>contact</u> force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the **STIM** is related to the force.
- 3. A force can change the Ghate of an object.
- 4. Magnetic force(磁力) is a Mon-Contact force
- 5. Weight can measure force.
- 6. A force can make an or ec move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

接觸力

- 2. What changes can be caused by the action of forces?
- 3. How do you think you can perform better?

明長的2000年(分)

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

Warmer

1. What happens when an object is subjected to force?

2. What are the two types of force?

d move contact force (接海蜀力)

3. What is the elasticity limit (彈性限度)?

Language

force(力)	object(物體)	influence(影響)	
shape(形狀)	non-contact force (超距力)	contact force(接觸力)	
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)	

1. <u>contact</u> force is a type of force that needs the objects to touch for the force to work.

- 2. The length(長度) of the Spring is related to the force.
- 3. A force can change the shope of an object.
- 4. Magnetic force(磁力) is a non-control force
- 5. weight can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

contact force

2. What changes can be caused by the action of forces?

3. How do you think you can perform better?

算好了力量多大多小

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

Att

Force and movement- The role of force

Warmer

1. What happens when an object is subjected to force?

change Shape and move

2. What are the two types of force ?

non-contact force and contact force

3. What is the elasticity limit (彈性限度)?

Language

指有引

force(カ)	- object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)—	- contact force(接觸力)
spring(彈簧)	weight(在碼)	elasticity limit (彈性限度)

- 1. Contact force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the spring is related to the force.
- 3. A force can change the shape of an object.
- 4. Magnetic force(磁力) is a non-contact force
- 5. Weight can measure force.
- 6. A force can make an Object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

- 1. Is this game a contact force or a non-contact force?
- 2. What changes can be caused by the action of forces? Push more or Push a little bit.
- 3. How do you think you can perform better?

桌子是平面且具有摩擦力

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5B_Class____ Number Name: 許心嗎

Force and movement- The role of force

Warmer

1. What happens when an object is subjected to force?

It's will change shape and move

2. What are the two types of force?

non-contact force and contact force

3. What is the elasticity limit (彈性限度)?

When the object carret change.

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L. C.		5	ч	a	5	

force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- 1. Contact force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the Spring is related to the force.
- 3. A force can change the share of an object.
- 4. Magnetic force(磁力) is a non-contact force.
- 5. Weight can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

Contact force.

2. What changes can be caused by the action of forces?

Push more or Push a little.

3. How do you think you can perform better?

Change the power.

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

Number Name: Penny 何珠珠 5b Class 18

object = 物骨胃

Subject=累分 force:力量

changes=改變 caused: 诺成

perform=1数

Force and movement- The role of force

Warmer

1. What happens when an object is subjected to force? It will charge the shape,

2. What are the two types of force? non-contect force and contact force.

elasticity いかけ二弾性限度

3. What is the elasticity limit (彈性限度)? When the object can't change back to the same shape, it elasticity limit,

Language

force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

1. Contact force is a type of force that needs the objects to touch for the force to work.

2. The length(長度) of the spring is related to the force.

3. A force can change the shape of an object.

4. Magnetic force(磁力) is a <u>non-contact force</u>

5. Weight can measure force.

6. A force can make an object

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

It is a contact force.

2. What changes can be caused by the action of forces?

You need to push it harder.

3. How do you think you can perform better?

I think you can practice more, or change the force.

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5BClass Number Name: 超级 AM

Force and movement- The role of force

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·W	/:	al	m	n	е	ĭ

1. What happens when an object is subjected to force?

2. What are the two types of force ? hoh

3. What is the elasticity limit (彈性限度)?

物智等一共感同原本的开发

Language

object(物體)	influence(影響)
non-contact force (超距力)	contact force(接觸力)
weight(砝碼)	elasticity limit (彈性限度)
	non-contact force (超距力)

1. Contact force is a type of force that needs the objects to touch for the force to work.

2. The length(長度) of the **DUNG** is related to the force.

3. A force can change the SNADO of an object.

4. Magnetic force(磁力) is a <u>nbn-cohtact force</u>

5. Web T can measure force.

6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

It's a contact force.

2. What changes can be caused by the action of forces?

3. How do you think you can perform better?

form better? You need Practice more.

more, use more

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

Att

Warmer	ner	ì	a	V	٨	١
--------	-----	---	---	---	---	---

1. What happens when an object is subjected to force?

Change shape, move.

2. What are the two types of force? totact force.

3. What is the elasticity limit (彈性限度)?

Language The	object can not than	ge back.
force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

1. Contact force is a type of force that needs the objects to touch for the force to work.

- 2. The length(長度) of the pring/is related to the force.
- 3. A force can change the shape of an object.
- 4. Magnetic force(磁力) is a non-contact force
- 5. Weight can measure force.
- 6. A force can make an blect move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

contact force

2. What changes can be caused by the action of forces?

push more

3. How do you think you can perform better?

better? I -> get more water.

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

Warmer

1. What happens when an object is subjected to force?

move. change shape.

2. What are the two types of force?

non-contact force.

3. What is the elasticity limit (彈性限度)?

force(カ)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the Spring is related to the force.
- 3. A force can change the Shape of an object.
- 4. Magnetic force(磁力) is a non-contact force.
- 5 Weight can measure force.
- 6. Aforce can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

It's contact torce

2. What changes can be caused by the action of forces?

3. How do you think you can perform better?

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
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- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

AHA

Force and movement- The role of force

Warmer

1. What happens when an object is subjected to force?
move. change shape. 物體

2. What are the two types of force?

3. What is the elasticity limit (彈性限度)? 彈性的極限。

Language

force(カ)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- 1. <u>Contact force</u> is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the <u>spring</u> is related to the force.
- 3. A force can change the _shape_ of an object.
- 4. Magnetic force(磁力) is a non-contact force.
- 5. Weight can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

Contact force

2. What changes can be caused by the action of forces?

Push the bottle, it can be longer.

3. How do you think you can perform better?

Change your force a little.

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5B Class 5207 Number Name: Benjamin 劭宇

Force and movement- The role of force

Warmer

1. What happens when an object is subjected to force?

2. What are the two types of force ?

contact force 3. What is the elasticity limit (彈性限度)? 弓單性的極限

Language

force(力)	object(物體)、/	influence(影響)
shape(形狀)\/	non-contact force (超距力)~	contact force(接觸力)ン
spring(彈簧) 🗸	weight(砝碼) ✓	elasticity limit (彈性限度)

- 1. <u>contact force</u> is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the <u>spring</u> is related to the force.
- 3. A force can change the __spee_ of an object.
- 4. Magnetic force(磁力) is a non-contact force
- 5. weight _ can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

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- 1. Is this game a contact force or a non-contact force?
- 2. What changes can be caused by the action of forces?
- 3. How do you think you can perform better?

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5B Class 5222 Number Name: Nami、每件

Force and movement- The role of force

Warmer

- 1. What happens when an object is subjected to force? 一 甸、交际、红色
- 2. What are the two types of force? 起距が接鍋力
- 3. What is the elasticity limit (彈性限度)? 疆小山的和取限

Language

force(力)	object(物體)	influence(影響)
shape(形狀) /	non-contact force (超距力) 🗸	contact force(接觸力) ∨
spring(彈簧) /	weight(砝碼)	elasticity limit (彈性限度)

- 1. Contact force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the 彈簧_is related to the force.
- 3. A force can change the # of an object. e Please in English
- 4. Magnetic force(磁力) is a _____ 起 近 方 _____.
- 5. 碳 碼 can measure force.
- 6. A force can make an 物 體

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

接觸力

2. What changes can be caused by the action of forces?

Push

the bottle.

3. How do you think you can perform better?

chang

your fore alittle.

Thinking: please read the sentence.

- The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

11 10

5B Class 14 Number Name: Penguin

Force and movement- The role of force

Warmer

1. What happens when an object is subjected to force ? move change shape.

2. What are the two types of force ?

non-contact force contact force.

3. What is the elasticity limit (彈性限度)?

于第一个生产工程的

Language

force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- 1. cohtact force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the SPHing is related to the force.
- 3. A force can change the same of an object.
- 4. Magnetic force(磁力) is a non-contact force
- 5. Weigh (can measure force.
 6. A force can make an <u>Ubject move</u>.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

contact force

2. What changes can be caused by the action of forces?

Push the bottle.

3. How do you think you can perform better?

change your force alittle

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

Aqueous solution- electrical conductivity

Warmer

1. In addition to conductivity, what other properties does the aqueous solution 水溶液 時性

have? 味道 顏色Acidity

2. How can we use LED lights? ciolity

Language

Language			
TED(發光二極體)	circuit(電路)	conduct electricity(導電)	
Traffic sign(交通號誌)	Electric shock(觸電)	open circuit (斷路)	

1. Paper clips can conduct electricity.

- 2. Observe the Traffic sigh, traffic will be smooth.
- 3. Turn off the switch to form an obeh circui
- 4. This 1日) design is great.
- 5. Easy to get an electric Shock with wet hands.
- 6. Salt water is easy to

Experiment

Experiment			
title	purpose	equipment	
step	result	discuss	

51ep	The processs of the experiment.	
purpose	What the experiment wants to prove.	
result	Something produced by the experiment.	
title	About the name of this experiment.	
discuss	Description based on the results.	
equipment	Things needed for the experiment.	

Thinking

K(What I know)	W(What I want to know)	L(What I have learned)
严	知道其他水溶液的	1 - 1 - 1
0-14	英	水溶液的英文
	_	./

53	_Class	2	Number Name:	华山村	/
4					f

Warmer	W	/a	rn	ne	r
--------	---	----	----	----	---

1. What happens when an object is subjected to force ?

and hove

2. What are the two types of force? MACON tack

Force and contact box

3. What is the elasticity limit (彈性限度)? づる

\$Pring直到船台车拉

Language

force(カ)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

1. <u>CONTact</u> This a type of force that needs the objects to touch for the force to work.

2. The length(長度) of the _____is related to the force.

3. A force can change the 440 pl of an object.

4. Magnetic force(磁力) is a <u>MON-contact</u> force

5. Welght can measure force.

6. A force can make an Objact move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

2. What changes can be caused by the action of forces?

push move

3. How do you think you can perform better?

tack lucky

411 Tact

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5B Class ____ Number Name: Tim 劉官建

Force and movement- The role of force

Warmer

1. What happens when an object is subjected to force? Change, Shape, move.

2. What are the two types of force? hon-con fact force, con fact force.

3. What is the elasticity limit (彈性限度)? When the object cahot change back.

Languago

man Berabe		2/12/20/20/20/20/20/20/20/20/20/20/20/20/20
force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- 1. Contact force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the <u>spring</u> is related to the force.
- 3. A force can change the Shape of an object.
- 4. Magnetic force(磁力) is a Non-Confact force
- 5. Weight can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

Cantact force.

2. What changes can be caused by the action of forces?

PUSH more

3. How do you think you can perform better?

tocky. lucky.

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

Warmer

1. What happens when an object is subjected to force?

2. What are the two types of force?

is subjected to force? move change shape
e? non-contact force contact force

tree!
When object can't change back.

3. What is the elasticity limit (彈性限度)?

Language

Language		
force(力)	object(物體)	influence(影響)
-shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- 1. for the is a type of force that needs the objects to touch for the
- 3. A force can change the ______ of an object.
- 4. Magnetic force(磁力) is a <u>noh contact force</u>.
- 5. Weight can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

contact torce

2. What changes can be caused by the action of forces?

Push big forces and push small

3. How do you think you can perform better?

change force Thinking: please read the sentence.

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5B Class _____ Number Name: Keira

Force and movement- The role of force

Warmer

1. What happens when an object is subjected to force ? change stape. move

2. What are the two types of force? non-contact force contact force

3. What is the elasticity limit (彈性限度)?

當一個物體變不回原來的形狀時,就達到了它最大的彈性限度

Language

Language		
force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

- 1. Contact force is a type of force that needs the objects to touch for the force to work.
- 2. The length(長度) of the spring js related to the force.
- 3. A force can change the shape of an object.
- 4. Magnetic force(磁力) is a non-contact force.
- 5. Weight can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

It is a contact force.

2. What changes can be caused by the action of forces?

You need to push it harder

3. How do you think you can perform better?

I think you can practice more.

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

5B Class | Number Name: Anne

Force and movement- The role of force

1. What happens when an object is subjected to force? change shape, how

2. What are the two types of force? non-contact force and contact force

3. What is the elasticity limit (彈性限度)? When the object can't change back to the same shape it will call the elasticity limit.

force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(坛去碼)	elasticity limit (彈性限度)

- 1. Contact torce is a type of force that needs the objects to touch for the
- 2. The length(長度) of the String is related to the force.
- 3. A force can change the shape of an object.
- 4. Magnetic force(磁力) is a non-contact force.
- 5. Weight can measure force.
- 6. A force can make an object move.

Content

Cup Sliding Game

Using the bottle filled with water, slide the game on the table, who can get closer to the edge of the table is the winner.

After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

It is a contact

2. What changes can be caused by the action of forces?

You need to push it harder.

3. How do you think you can perform better?

the more force.

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

SB Class 10 Number Name: Leo郭君宜

Force and movement- The role of force

Warmer

1. What happens when an object is subjected to force? Change Shape move

2. What are the two types of force? non-contact force _ contact force

3. What is the elasticity limit (彈性限度)? When the object can't change back.

Language

force(カ)		object(物體)	influence(影響)
shape(形狀)	\	non-contact force (超距力) ~	contact force(接觸力)
spring(彈簧)	1	weight(砝碼) \	elasticity limit (彈性限度)

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- 2. The length(長度) of the <u>SpYind</u> is related to the force.
- 3. A force can change the shape of an object.
- 4. Magnetic force(磁力) is a non-contact force.
- 5. Weight can measure force.
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Content

Cup Sliding Game

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After the game, discuss the following questions with the group

1. Is this game a contact force or a non-contact force?

Contact force.

2. What changes can be caused by the action of forces?

Push move.

3. How do you think you can perform better?

Locky.

- 1. The action of force can change the shape and state of motion of an object.
- 2. Force can be divided into contact force and non-contact force.
- 3. When the force of the spring is different, the length of extension is also different.
- 4. Under the elasticity limit of the spring, the heavier the suspended weight, the longer the length.
- 5. In a tug of war(拔河比賽), the rope is subjected to two opposite forces.

_ Number Name: _Lexle 王浅馨 5B Class 29

Force and movement- The role of force

Warmer

1. What happens when anlobject is/subjected to force?

change shape.

non-contact force and contact force.

3. What is the elasticity limit (彈性限度)? When obigect can't change back.

Language

force(力)	object(物體)	influence(影響)
shape(形狀)	non-contact force (超距力)	contact force(接觸力)
spring(彈簧)	weight(砝碼)	elasticity limit (彈性限度)

contact force

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5. Force can measure force.

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Content

Cup Sliding Game

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不要言cup到出 water

Thinking: please read the sentence.

- 1. The action of force can change the shape and state of motion of an object.
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