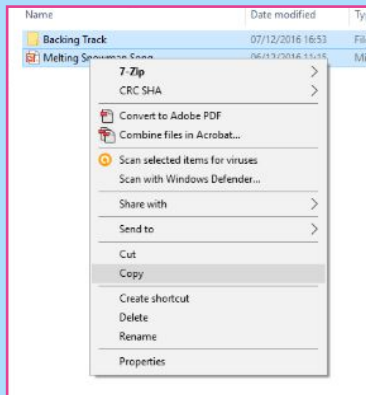
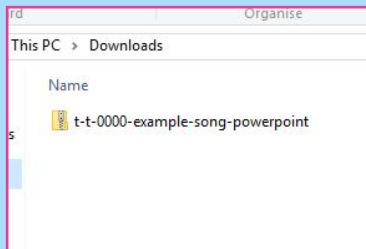




Guidance for Video/Audio in PowerPoints

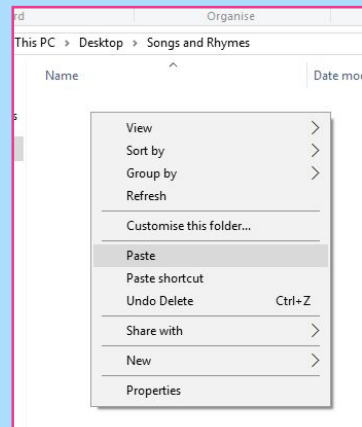
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Open the downloaded folder and copy all the files.



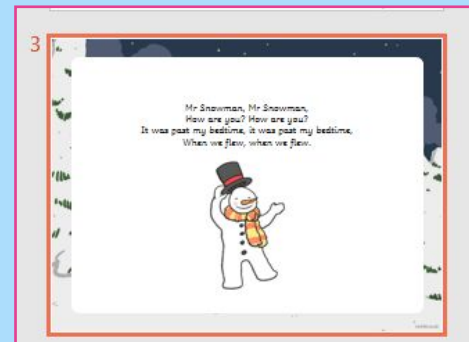
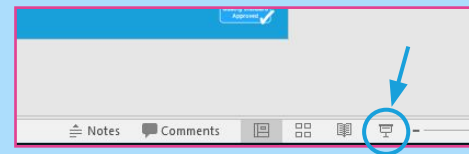
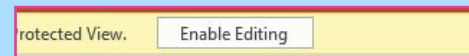
2

Paste the copied files into a new folder.



3

To use the PowerPoint, enable editing and put into slide show mode.



Please note the embedded audio may not be compatible with earlier versions of PowerPoint.

You may wish to delete this slide before beginning the presentation.



Science

Forces



Forces

Knowledge Organiser Quiz





1

Complete this sentence.
Forces are thought of as _____.

A lifts and drops



B pushes and pulls



C ups and downs



1

2

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Next



2

Which type of force is gravity?

A pull



B push



C friction



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Next



3

What is the measure of how much matter is inside an object?

A friction



B weight



C mass



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Next



4

What is friction?

A an upward force that a liquid applies to an object



B a force that acts between two surfaces



C the measure of a force



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Next



5

Complete this sentence.

Friction caused by air pushing against moving objects is known as _____.

A gravitational pull



B buoyancy



C air resistance



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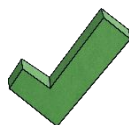
Next



6

What type of force is buoyancy?

A upward



B downward



C sideways



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Next



7

Which word describes an object that is shaped to minimise the effect of air or water resistance?

A heavy



B streamlined



C soft



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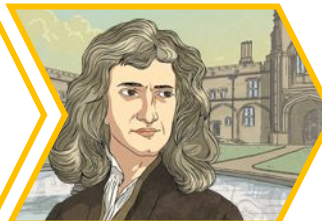
Next



8

Who is thought to have developed the theory of gravity?

A Sir Isaac Newton



B Neil deGrasse Tyson



C Marie Curie



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Next



9

What is measured in newtons (N)?

A distance



B mass



C force



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Next



10

Which of the following can a force NOT make an object do?

A stop moving



B change its shape



C change its colour



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Next



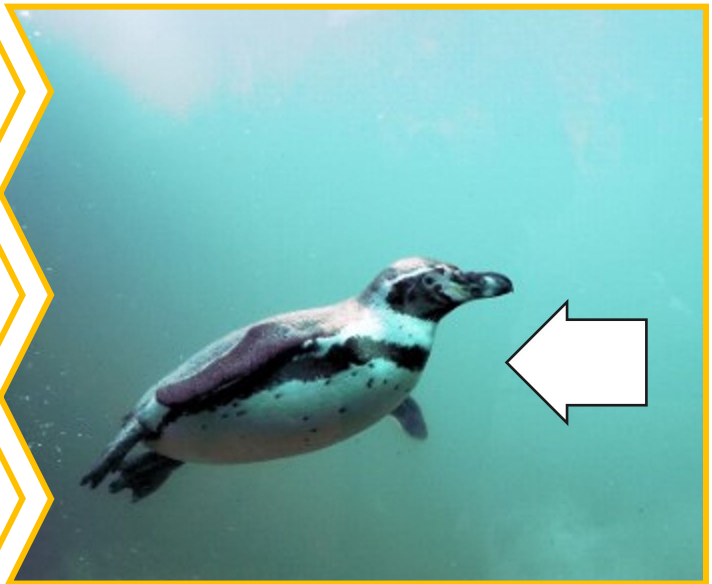
11

What force is represented by the arrow?

A water resistance 

B air resistance 

C gravity 



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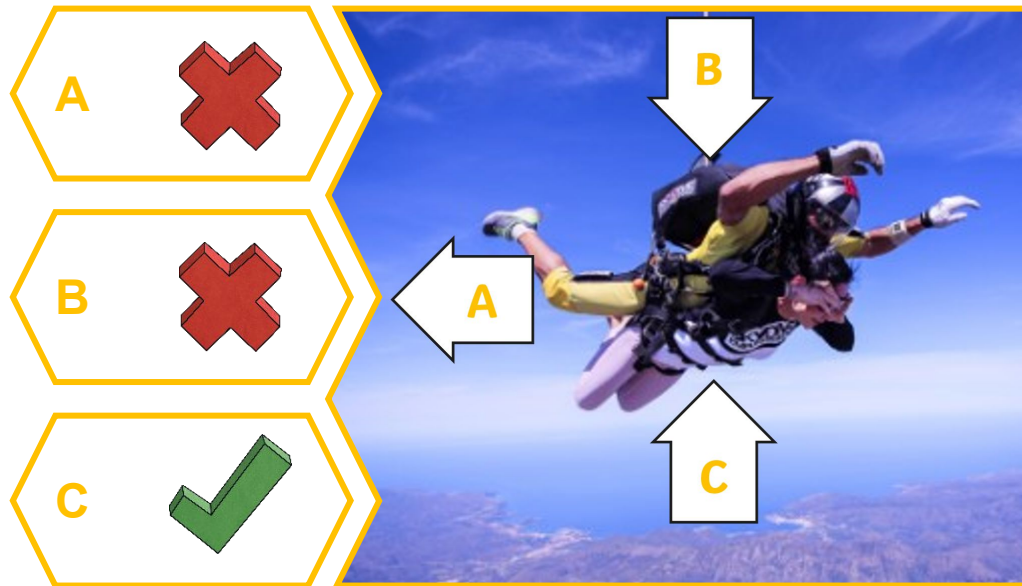
20

Next



12

Which arrow best represents air resistance?



- 1
- 2
- 3
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- 20

Next



13

Which of these forces explains why the bath toys can float?

A friction



B upthrust



C gravity



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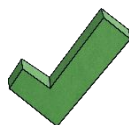
Next



14

Which word would be the best to label this arrow?

A friction



B buoyancy



C gravity



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Next



15

Which of these objects is designed to be the most streamlined?

A camper van



B hot-air balloon



C aeroplane



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Next



16

What is the name given to a device that changes an input force to a different output force?

A mechanic



B mechanism



C machine



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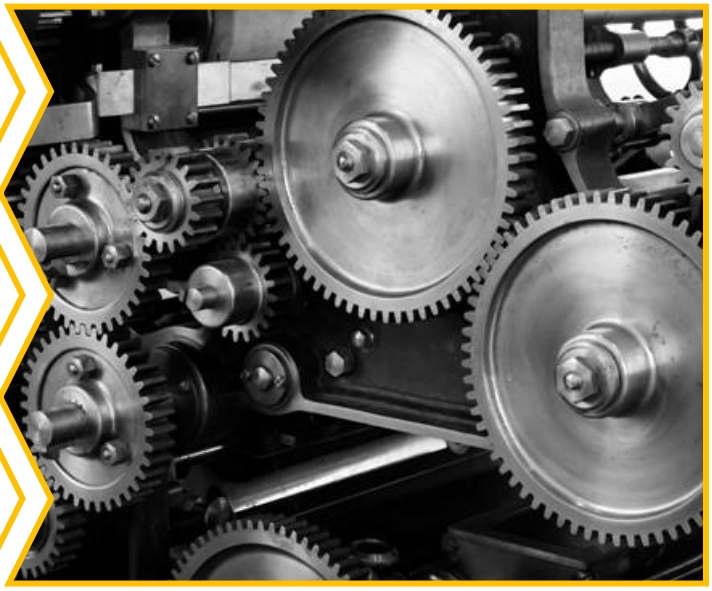
Next



17

Complete this sentence.
When gears or cogs are connected, they always turn in the _____ direction.

- A same 
- B opposite 
- C clockwise 



- 1
- 2
- 3
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- 20

Next



18

What type of mechanism does this flag use?

A lever



B cog



C pulley



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Next



19

Which of these uses a cog?

A clock



B flag



C fishing rod



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Next



20

What kind of mechanism does this see-saw use?

A pulley



B lever



C cog



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Next



Well Done!



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