

## حل تدريبات 1 Unit Matter Investigating المسار المتقدم منهج انسباير



### تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ← المناهج الإماراتية ← الصف الخامس ← علوم ← الفصل الأول ← ملفات متنوعة ← الملف

تاريخ إضافة الملف على موقع المناهج: 2025-09-26 12:32:19

ملفات اكتب للمعلم اكتب للطالب | اختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل  
منهج انجليزي | ملخصات وتقارير | مذكرات وبنوك | الامتحان النهائي | للمدرس

المزيد من مادة  
علوم:

### التواصل الاجتماعي بحسب الصف الخامس



صفحة المناهج  
الإماراتية على  
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

### المزيد من الملفات بحسب الصف الخامس والمادة علوم في الفصل الأول

أسئلة اختبار تشخيصي مدرسي منهج انسباير	1
عرض بوربوينت مصطلحات الفصل الدراسي الأول منهج انسباير	2
عرض بوربوينت مراجعة الوحدة الثالثة التفاعلات في النظم البيئية	3
عرض بوربوينت درس المخاليط mixtures منهج انسباير	4
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## Unit 1: Investigating Matter

### Properties of Materials: What is Matter? -learn

Select the correct choices.

Balloon A is empty of air, and balloon B is filled with air.

Which of the following statements are TRUE about balloons A and B?

- ☐ both balloons have the same mass
- ☐ balloon B has a greater number of particles
- ☐ balloon B has a greater volume
- ☐ balloon A occupies a bigger space
- ☐ balloon A has a greater number of particles
- ☐ balloon A has a greater volume

Select the correct choice from the drop-down menu.

..... is the amount of space an object takes up.

Select the correct choice.

What is matter?

- ☐ any living thing
- ☐ any solid object
- ☐ anything that can be seen
- ☐ anything that has mass and takes up space

Select the correct choice.

Sara is heating water for cooking. Which of the following is NOT classified as matter?

- ☐ water
- ☐ gas
- ☐ heat
- ☐ pot

Select the correct choice from the drop-down menu.

Objects with larger masses experience .....

**Select the correct choices.**

**Which of the following are NOT examples of matter?**

- ☐ air
- ☐ rock
- ☐ alcohol
- ☐ oil
- ☐ music
- ☐ feeling

**Select the correct choice.**

**What is matter?**

- ☐ any living thing
- ☐ anything that has mass and takes up space
- ☐ anything that can be seen
- ☐ any solid object

**Drag and drop the correct choice to complete the sentence.**

**The big ball occupies more space than the small ball. So the big ball has ..... than the small ball.**

- ☐ less weight
- ☐ less mass
- ☐ greater volume
- ☐ greater gravity

**Select the correct choice.**

**What is matter?**

- ☐ any solid object
- ☐ any living thing
- ☐ anything that has mass and takes up space
- ☐ anything that can be seen

Select the correct choice.

Which of the following changes by changing the mass of an object?

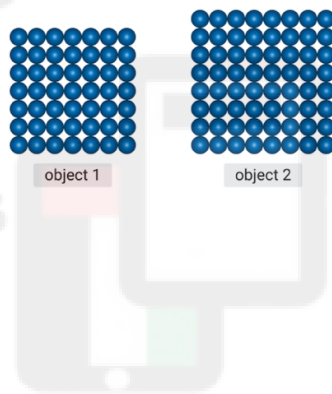
- ☐ the object's color
- ☐ the object's volume
- ☐ the space between particles
- ☐ the object's weight

Select the correct choice from the drop-down menu.

For two objects of the same volume, the one with the greater mass has  
a .....

Drag and drop the correct answers to complete the sentences.

Object 2 has more particles than object 1. This means that the mass of  
object 2 is ..... the mass of object 1.



- ☐ smaller than
- ☐ greater than
- ☐ equal to
- ☐ half

Drag and drop the correct choices to complete the sentence.

Matter is anything that has ..... and takes up space.

..... is an example of matter.

- ☐ mass
- ☐ Air
- ☐ color
- ☐ weight
- ☐ Light
- ☐ Sound
- ☐ energy

## Unit 1: Investigating Matter

### Properties of Materials: Physical and Chemical Properties

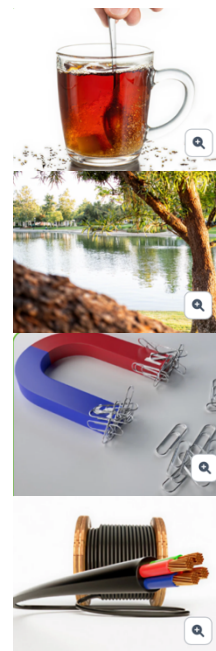
Select the correct choices.





conductivity

magnetism

solubility

reflectivity



Physical Property	Chemical Property
 <p>heavy rock</p>	 <p>nail that rusts</p>  <p>reflective surface</p>  <p>fruits that rot</p>

Select the correct choice.

The symbol in the image indicates that a material is flammable, meaning it can catch fire easily. What type of property is flammability an example of?"



- ☐ a characteristic property
- ☐ a chemical property
- ☐ a physical property
- ☐ a mechanical property

Drag and drop the terms to correctly complete the table.

Description	Type of Property	Example
doesn't change the matter		
changes the matter into a different material		

natural	mechanical	physical	solubility	chemical	combustibility
---------	------------	----------	------------	----------	----------------

Select the correct choice.

Which of the following statements describes the ability of the iron metal to rust?

- ☐ iron does not change in nature
- ☐ iron changes into a different material
- ☐ iron heats up and its temperature rises
- ☐ iron changes its state of matter

Select the correct choice.

Which physical property measures how much sugar can dissolve in water?

- ☐ conductivity
- ☐ solubility
- ☐ volume
- ☐ mass

Drag and drop the correct choices to complete the sentences.



The image shows a magnet that ..... iron nails. This case reflects the ..... property of iron nails which is classified as a physical property.

reflectivity	attracts	conductivity	reflects	repels	magnetism
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**Select the correct choice.**

Which of the following is a chemical property of matter?

- ☐ combustibility
- ☐ magnetism
- ☐ solubility
- ☐ conductivity

**Drag and drop the terms to correctly complete the table.**

Description	Type of Property	Example
doesn't change the matter		
changes the matter into a different material		

solubility	physical	chemical	combustibility	natural	mechanical
------------	----------	----------	----------------	---------	------------

**Select the correct choice.**

Which of the following measures the ability of a substance to move energy through it?

- ☐ magnetism
- ☐ combustibility
- ☐ reflectivity
- ☐ conductivity

**Select the correct choice.**

Ahmad added some salt to a glass of water. After stirring, Ahmad observed that the salt had disappeared. Which physical property of salt does this experiment show?

- ☐ conductivity
- ☐ solubility
- ☐ corrosion
- ☐ combustibility

Select the correct choice.

Which of the following is TRUE about the mirror in this image?

- ☐ energy moves through the mirror, so images appear
- ☐ the mirror shows the solubility property
- ☐ light bounces off the mirror, so images appear
- ☐ the mirror shows the conductivity property

Select the correct choice.

What do you call a property that can be observed or measured without changing the matter?

- ☐ a physical property
- ☐ a chemical property
- ☐ a characteristic property
- ☐ a mechanical property

Select the correct choice.

Which of the following measures the ability of a substance to move energy through it?

- ☐ reflectivity
- ☐ combustibility
- ☐ conductivity
- ☐ magnetism

Select the correct choice.

What do you call a property that can be observed or measured without changing the matter?

- ☐ a chemical property
- ☐ a mechanical property
- ☐ a characteristic property
- ☐ a physical property

Select the correct choice from the drop-down menu.

..... is a property of matter you can observe by changing the matter into a different material.



Select the correct choice.

Which of the following statements is TRUE about the metallic pot when put on fire?

- the pot rusts and corrodes
- the pot changes into a different material
- the pot transmits heat from the fire to the food inside
- the pot reflects the combustibility property

Select the correct choice.

Which of the following is a physical property of matter?

- flammability
- reflectivity
- ability to corrode
- combustibility



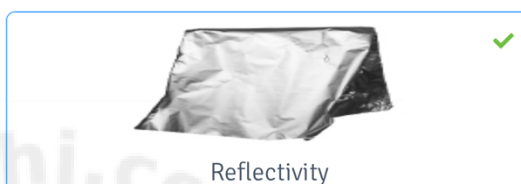
## Unit 1: Investigating Matter

### Properties of Materials – Investigate

Look and decide if each property is a physical property or a chemical property.

Drag each item into the correct category.

Physical property	Chemical property
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Drag and drop correct choices to complete the table.

Property	Reflectivity	Magnetism
Material		

aluminum foil	wooden toothpicks	metal paperclip	a piece of chalk
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Select the best choice from the drop-down menu.

A metal paperclip was left in vinegar for several hours. The color changed and a new substance formed. This is a ..... property known as ability to .....

Select the correct choice from the drop-down menu.

The magnetism shown by paperclips is an example of a .....

Select the best choices from the drop-down menus.

After touching an ice cube, the paperclip felt ..... than the toothpick. This property is known as .....