

English-Arabic Glossary

atom: a tiny piece of matter that is too small to see

ذرة: جسم دقيق جدًا بحيث لا يمكن رؤيته بالعين المجردة

attract: to pull on an object, even without touching it

يجذب: سحب جسم ما حتى دون لمسها

dissolve: to mix evenly into a liquid by breaking apart into pieces that are too small to see

إذابة: خلط مكونات بالتساوي في سائل ما عن طريق تقسيمها إلى جزيئات صغيرة جدًا لا ترى بالعين المجردة

evidence: information that supports an answer to a question

دليل: معلومات تدعم إجابة عن سؤال ما

explain: to describe how something works or why something happens

يشرح: يصف آلية عمل شيء ما أو سبب حدوث شيء ما

inference: something you figure out based on observations and information you already know

استدلال: شيء ما تستوعبه استنادًا إلى ملاحظات ومعلومات تعلمها بالفعل

matter: the stuff that things are made of

جسيم: مادة تتكون منها الأشياء

mixture: matter that is made of more than one substance

خليط: جسم يتكون من أكثر من مادة واحدة

English-Arabic Glossary (continued)

model: something scientists make to answer questions about the real world

نموذج: شيء ما يضعه العلماء للإجابة عن أسئلة حول العالم الواقعي

molecule: a group of atoms joined together in a particular way

جزيء: مجموعة من الذرات مترابطة سويًا بطريقة معينة

property: what you can observe or measure about something that helps you identify or describe it

خاصية: ما يمكنك ملاحظته أو قياسه في شيء ما يساعدك على تحديده أو وصفه

observe: to use any of the five senses to gather information about something

يدرك: الاستعانة بأي من الحواس الخمس لتجميع المعلومات عن شيء ما

soluble: able to dissolve in water or another liquid

قابل للذوبان: القدرة على الذوبان في الماء أو سائل آخر

substance: matter that is made of only one kind of atom or molecule

مادة: جسم لا يتكون إلا من نوع واحد من الذرات أو الجزيئات

English-Chinese Glossary

atom: a tiny piece of matter that is too small to see

原子: 肉眼看不见的微小物质

attract: to pull on an object, even without touching it

吸引: 即使在不接触的情况下也能促使物体靠拢

dissolve: to mix evenly into a liquid by breaking apart into pieces that are too small to see

溶解: 分解成肉眼看不见的微小物质并均匀地混合到液体当中

evidence: information that supports an answer to a question

证据: 支持问题答案的资料

explain: to describe how something works or why something happens

说明: 描述事物的工作原理或发生原因

inference: something you figure out based on observations and information you already know

推理: 根据观察和已知信息得出的结论

matter: the stuff that things are made of

物质: 形成事物的材料

mixture: matter that is made of more than one substance

混合物: 由多种物质组成的物质

English-Chinese Glossary (continued)

model: something scientists make to answer questions about the real world

模型: 科学家为解答现实问题而制作的事物

molecule: a group of atoms joined together in a particular way

分子: 以某种方式结合起来的多个原子

property: what you can observe or measure about something that helps you identify or describe it

属性: 能够观察或测量到的事物特征，有助于识别或描述该事物

observe: to use any of the five senses to gather information about something

观察: 使用五种感官中的任何感官来收集事物的信息

soluble: able to dissolve in water or another liquid

可溶: 能溶于水或其他液体

substance: matter that is made of only one kind of atom or molecule

物质: 仅由一种原子或分子组成的物质

English-French Glossary

atom: a tiny piece of matter that is too small to see

atome: minuscule partie d'une matière trop petite pour être visible

attract: to pull on an object, even without touching it

attirer: approcher de soi un objet, même sans le toucher

dissolve: to mix evenly into a liquid by breaking apart into pieces that are too small to see

dissoudre: mélanger uniformément quelque chose en un liquide pour la réduire en pièces trop petites pour être visibles

evidence: information that supports an answer to a question

preuve: information qui confirme une réponse à une question

explain: to describe how something works or why something happens

expliquer: décrire le fonctionnement de quelque chose ou pourquoi quelque chose se produit

inference: something you figure out based on observations and information you already know

déduction: chose que vous imaginez en vous fondant sur des observations et des informations déjà connues

matter: the stuff that things are made of

matière: substance dont les choses sont faites

English-French Glossary (continued)

mixture: matter that is made of more than one substance

mélange: matière constituée de plusieurs substances

model: something scientists make to answer questions about the real world

modèle: chose créée par des scientifiques pour répondre à des questions sur le monde réel

molecule: a group of atoms joined together in a particular way

molécule: groupe d'atomes liés ensemble d'une façon particulière

property: what you can observe or measure about something that helps you identify or describe it

propriété: ce que vous pouvez observer ou mesurer à propos de quelque chose qui vous permet de l'identifier ou de la décrire

observe: to use any of the five senses to gather information about something

observer: utiliser l'un des cinq sens pour recueillir des informations sur quelque chose

soluble: able to dissolve in water or another liquid

soluble: capable de se dissoudre dans l'eau ou un autre liquide

English-French Glossary (continued)

substance: matter that is made of only one kind of atom or molecule

substance: matière constituée d'un seul type d'atome ou de molécule

English-Haitian Creole Glossary

atom: a tiny piece of matter that is too small to see

atom: yon moso matyè tou zuit ki twò piti pou w wè

attract: to pull on an object, even without touching it

atire: rale yon objè, menm si w pa touche l

dissolve: to mix evenly into a liquid by breaking apart into pieces that are too small to see

disoud: melanje nèt nan yon likid pandan w ap dekonpoze jouk li bay moso ki twò piti pou w wè

evidence: information that supports an answer to a question

evidans: enfòmasyon ki sipòte yon repòn pou yon kesyon

explain: to describe how something works or why something happens

esplike: dekri fason yon bagay mache oswa pou ki sa yon bagay rive

inference: something you figure out based on observations and information you already know

enferans: yon bagay ou reyalize baze selon obsèvasyon ak enfòmasyon ou deja konnen

matter: the stuff that things are made of

matyè: kichòy ke bagay yo fòme apati li menm lan

English-Haitian Creole Glossary (continued)

mixture: matter that is made of more than one substance

melanj: matyè ki fòme avèk plis pase yon sibstans

model: something scientists make to answer questions about the real world

modèl: yon bagay ke syantis yo fè pou reponn kesyon sou mond reyèl la

molecule: a group of atoms joined together in a particular way

molekil: yon gwoup atom ki jwenn ansanm nan yon fason patikilye

property: what you can observe or measure about something that helps you identify or describe it

pwopriyete: sa ou ka obsève oswa mezire sou yon bagay ki ede w idantifye l oswa dekri l

observe: to use any of the five senses to gather information about something

obsève: itilize nenpòt nan senk sans yo pou w kolekte enfòmasyon sou yon bagay

soluble: able to dissolve in water or another liquid

solib: ki kapab disoud nan dlo oswa yon lòt likid

English-Haitian Creole Glossary (continued)

substance: matter that is made of only one kind of atom or molecule

sibstans: matyè ki fòme avèk yon sèl tip atom oswa molekil

English-Portuguese Glossary

atom: a tiny piece of matter that is too small to see

átomo: pedaço de materia tão pequeno que não pode ser visto

attract: to pull on an object, even without touching it

atrair: puxar um objeto, mesmo sem tocá-lo

dissolve: to mix evenly into a liquid by breaking apart into pieces that are too small to see

dissolver: misturar por igual em um líquido através da quebra em peças tão pequenas que não podem ser vistas

evidence: information that supports an answer to a question

evidência: informação que reforça uma resposta a uma pergunta

explain: to describe how something works or why something happens

explicar: descrever como algo funciona ou por que algo acontece

inference: something you figure out based on observations and information you already know

inferência: algo que você descobre com base em observações e em informações que já conhecia

matter: the stuff that things are made of

matéria: elemento que forma as coisas

English-Portuguese Glossary (continued)

mixture: matter that is made of more than one substance

mistura: matéria constituída por mais de uma substância

model: something scientists make to answer questions about the real world

modelo: algo que os cientistas montam para responder a perguntas sobre o mundo real

molecule: a group of atoms joined together in a particular way

molécula: grupo de átomos reunidos de uma maneira específica

property: what you can observe or measure about something that helps you identify or describe it

propriedade: algo que você pode observar ou medir em uma coisa para identificá-la ou descrevê-la mais facilmente

observe: to use any of the five senses to gather information about something

observar: usar quaisquer dos cinco sentidos para coletar informações sobre algo

soluble: able to dissolve in water or another liquid

solúvel: que pode ser dissolvido em água ou outro líquido

English-Portuguese Glossary (continued)

substance: matter that is made of only one kind of atom or molecule

substância: matéria formada por apenas um tipo de átomo ou molécula

English-Russian Glossary

atom: a tiny piece of matter that is too small to see

атом: очень маленькая часть материи, которую невозможно увидеть

attract: to pull on an object, even without touching it

притягивать: заставлять предмет двигаться в свою сторону, даже не касаясь его

dissolve: to mix evenly into a liquid by breaking apart into pieces that are too small to see

растворять: равномерно распределять что-либо в жидкости за счет разделения на мельчайшие невидимые частицы

evidence: information that supports an answer to a question

факт(-ы): информация, подтверждающая ответ на вопрос

explain: to describe how something works or why something happens

объяснять: описывать, как что-либо работает или почему что-либо происходит

inference: something you figure out based on observations and information you already know

вывод: что-либо, что становится понятным на основании наблюдений или другой известной информации

English-Russian Glossary (continued)

matter: the stuff that things are made of

материя: то, из чего сделаны предметы

mixture: matter that is made of more than one substance

смесь: то, что состоит из нескольких веществ

model: something scientists make to answer questions about the real world

модель: что-либо, что создают ученые для получения ответов на вопросы о реальном мире

molecule: a group of atoms joined together in a particular way

молекула: группа атомов, соединенных друг с другом определенным образом

property: what you can observe or measure about something that helps you identify or describe it

свойство: характеристика чего-то, которую можно увидеть или измерить, позволяющая распознать или описать это

observe: to use any of the five senses to gather information about something

наблюдать: собирать информацию о чем-либо, используя какое-либо из пяти чувств

English-Russian Glossary (continued)

soluble: able to dissolve in water or another liquid

растворимый: способный растворяться в воде или другой жидкости

substance: matter that is made of only one kind of atom or molecule

вещество: материя, образованная только одним видом атомов или молекул

English-Tagalog Glossary

atom: a tiny piece of matter that is too small to see

atomo: maliit na piraso ng bagay na masyadong maliit para makita

attract: to pull on an object, even without touching it

akitin: hilahin ang isang bagay nang hindi man lamang ito hinahawakan

dissolve: to mix evenly into a liquid by breaking apart into pieces that are too small to see

tunawin: pantay na haluin sa likido sa pamamagitan ng paghihiwa-hiwalay sa maliliit na piraso na masyado nang maliit para makita

evidence: information that supports an answer to a question

ebidensya: impormasyong sumusuporta sa isang sagot sa isang katanungan

explain: to describe how something works or why something happens

magpaliwanag: ilarawan kung paano gumagana ang isang bagay o kung bakit nangyayari ang isang bagay

inference: something you figure out based on observations and information you already know

hinuha: bagay na naiisip mo batay sa mga obserbasyon at impormasyong alam mo na

English-Tagalog Glossary (continued)

matter: the stuff that things are made of

matter o bagay: bagay na bumubuo sa mga bagay

mixture: matter that is made of more than one substance

paghahalo: bagay na binubuo ng higit sa isang substansiya

model: something scientists make to answer questions about the real world

modelo: bagay na nililikha ng mga siyentista upang sagutin ang mga tanong tungkol sa tunay na daigdig

molecule: a group of atoms joined together in a particular way

molekyula: isang grupo ng mga atomong pinagsasama sa isang partikular na paraan

property: what you can observe or measure about something that helps you identify or describe it

katangian: ang iyong ma-oobserbahan o masusukat sa isang bagay na makakatulong sa iyong tukuyin o ilarawan iyon

observe: to use any of the five senses to gather information about something

mag-oberba: ang paggamit sa alinman sa limang pandama upang makakalap ng impormasyon tungkol sa isang bagay

soluble: able to dissolve in water or another liquid

natutunaw: matutunaw sa tubig o iba pang likido

English-Tagalog Glossary (continued)

substance: matter that is made of only one kind of atom or molecule

substansiya: bagay na binubuo lamang ng isang uri ng atomo o molekyula

English-Urdu Glossary

atom: a tiny piece of matter that is too small to see

ایٹم: مادے کا بہت باریک سا ٹکڑا جو دیکھنے میں بہت چھوٹا ہے

attract: to pull on an object, even without touching it

کشش کرنا: کسی شے کو چھوئے بغیر، اسے اپنی طرف کھینچنا

dissolve: to mix evenly into a liquid by breaking apart into pieces that are too small to see

تحلیل کرنا: بہت چھوٹے دکھائی دینے والے ٹکڑوں میں تبدیل کرتے ہوئے ایک مائع میں مساوی طور پر شامل/مکس کرنا

evidence: information that supports an answer to a question

ثبوت: معلومات جو ایک سوال کے جواب کی تائید کرتی ہے

explain: to describe how something works or why something happens

وضاحت کرنا: بیان کرنا کہ کوئی شے کیسے کام کرتی ہے یا کچھ کیوں ہوتا ہے

inference: something you figure out based on observations and information you already know

استدلال: کوئی نتیجہ جو آپ اخذ کرتے ہیں جو مشاہدوں اور اس معلومات پر مبنی ہوتا ہے جو آپ کو پہلے ہی معلوم ہے

matter: the stuff that things are made of

مواد: مادہ جس سے چیزیں بنائی جاتی ہیں

English-Urdu Glossary (continued)

mixture: matter that is made of more than one substance

آمیزہ: مواد جو ایک سے زیادہ مادوں سے مل کر بنا ہوتا ہے

model: something scientists make to answer questions about the real world

ماڈل: بعض اوقات سائنسدان حقیقی دنیا کے بارے میں سوالات کا جواب دینے کے لئے بناتے ہیں۔

molecule: a group of atoms joined together in a particular way

سالمہ: ایک خاص انداز میں ایک دوسرے سے جڑے ایٹمز کا ایک گروپ

property: what you can observe or measure about something that helps you identify or describe it

خاصیت: آپ کسی شے کے بارے میں جس چیز کا مشاہدہ یا پیمائش کر سکتے ہیں جس سے آپ کو اس کی شناخت یا وضاحت کرنے میں مدد ملتی ہے

observe: to use any of the five senses to gather information about something

مشاہدہ کرنا: کسی چیز کے بارے میں معلومات جمع کرنے کے لئے پانچ حواس میں سے کسی کو استعمال کرنا

soluble: able to dissolve in water or another liquid

حل پذیر: پانی یا کسی دوسرے مائع میں حل ہونے کے قابل

English-Urdu Glossary (continued)

substance: matter that is made of only one kind of atom or molecule

مادہ: مواد جو صرف ایک قسم کے ایٹم یا مالیکیول سے بنا ہوتا ہے

English-Vietnamese Glossary

atom: a tiny piece of matter that is too small to see

nguyên tử: một mẫu vật chất nhỏ bé mà nó quá nhỏ nên không nhìn thấy được

attract: to pull on an object, even without touching it

hút: kéo một vật, ngay cả khi không chạm vào vật đó

dissolve: to mix evenly into a liquid by breaking apart into pieces that are too small to see

hòa tan: trộn đều thành chất lỏng bằng cách chia ra thành từng phần mà chúng quá nhỏ nên không nhìn thấy được

evidence: information that supports an answer to a question

chứng cứ: thông tin hỗ trợ một câu trả lời cho một câu hỏi

explain: to describe how something works or why something happens

giải thích: mô tả vật gì đó hoạt động như thế nào hoặc tại sao điều gì đó xảy ra

inference: something you figure out based on observations and information you already know

suy luận: điều gì đó mà bạn tìm ra dựa trên sự quan sát và thông tin mà bạn đã biết

matter: the stuff that things are made of

vật chất: chất liệu để tạo ra các vật

English-Vietnamese Glossary (continued)

mixture: matter that is made of more than one substance

hỗn hợp: chất được tạo thành từ nhiều thành phần

model: something scientists make to answer questions about the real world

mô hình: điều mà các nhà khoa học đưa ra để trả lời các câu hỏi về thế giới thực

molecule: a group of atoms joined together in a particular way

phân tử: một nhóm các nguyên tử kết hợp với nhau theo một cách riêng biệt

property: what you can observe or measure about something that helps you identify or describe it

đặc tính: những gì mà bạn có thể quan sát hoặc đo lường được về vật gì đó giúp bạn xác định hoặc mô tả nó

observe: to use any of the five senses to gather information about something

quan sát: sử dụng bất cứ giác quan nào trong năm giác quan để thu thập thông tin về một điều gì đó

soluble: able to dissolve in water or another liquid

có thể hòa tan: có thể hòa tan trong nước hoặc chất lỏng khác

English-Vietnamese Glossary (continued)

substance: matter that is made of only one kind of atom or molecule

vật chất: vật chất được tạo thành chỉ từ duy nhất một loại nguyên tử hoặc phân tử