

Mixtures and Solutions

A presentation by Science Doodles

Vocabulary Words

- Ingredient
- Mixture
- Solution
- Dissolve
- Property
- Physical change

Ingredient



ingredient

a single part of
a mixture or
solution



Mixture



mixed nuts

mixture

a combination of two
or more substances
where each keep
their own properties and
can be easily separated



Solution

lemon
juice
+
sugar
+
water
= lemonade



Solution

a mixture of one
Substance dissolved
evenly in another



Dissolve

sugar



dissolve

to be absorbed
in a liquid,
mixed evenly



© Science doodles: . . .

Property



property

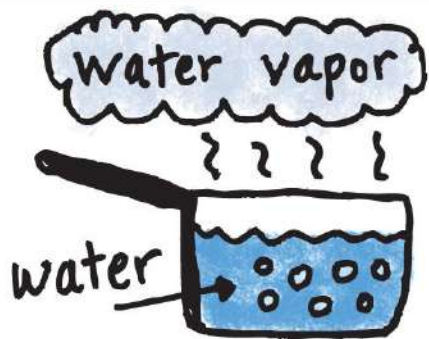
appearances of an object including: mass, magnetism, physical state, relative density, solubility, and the ability to insulate or conduct heat



wiseGEEK

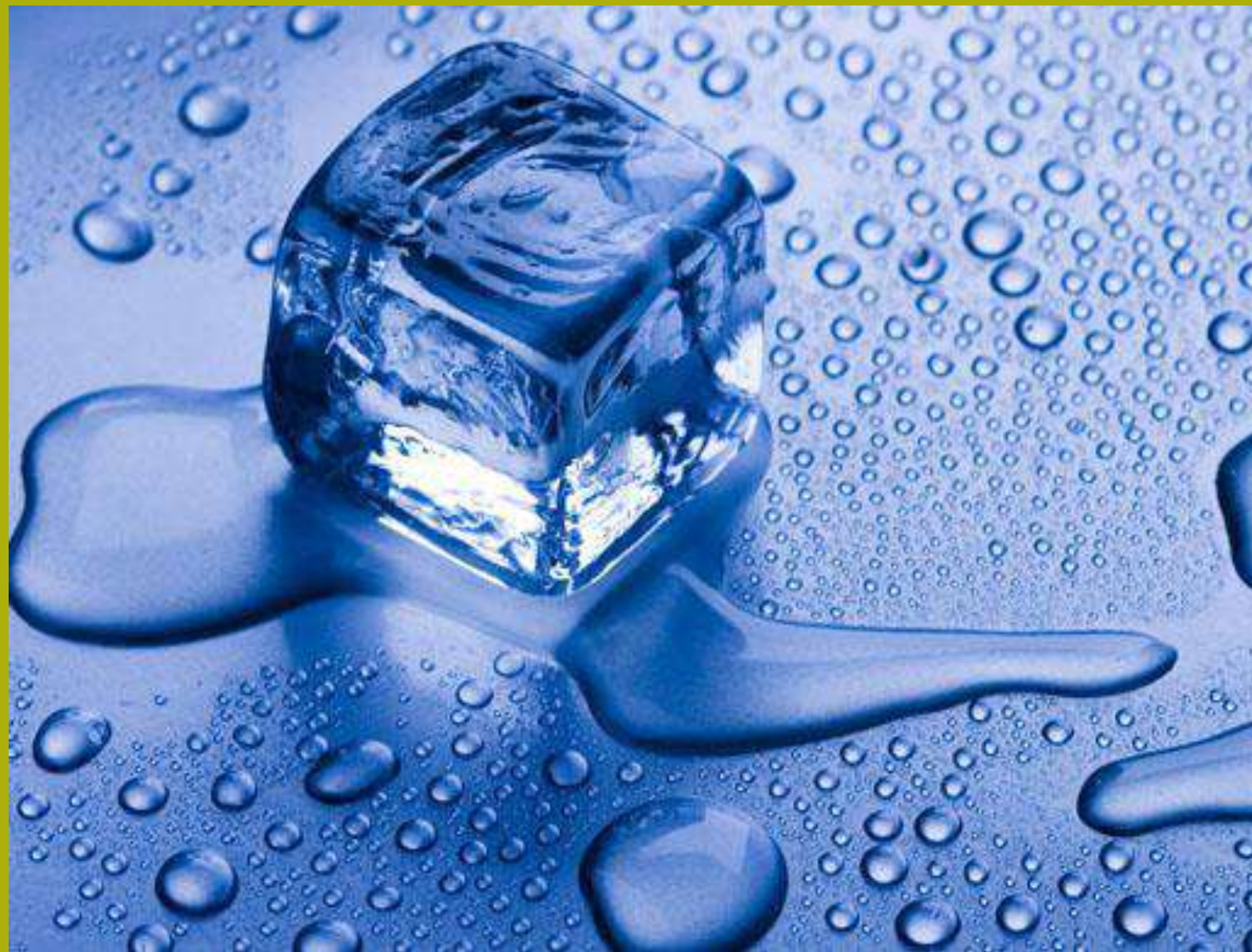
©Science doodles:

Physical change



physical
change

make different
without changing what
the material is made
of. example: melting



Quiz

What is a combination of two or more substances where each keep their own properties and can be easily separated?



mixed nuts

mixture

a combination of two or more substances where each keep their own properties and can be easily separated

What is it to be absorbed in a liquid, mixed evenly?

sugar



dissolve

to be absorbed
in a liquid,
mixed evenly

What are appearances of an object including: mass, magnetism, physical state, relative density, solubility, and the ability to insulate or conduct heat?



property

appearances of an object including: mass, magnetism, physical state, relative density, solubility, and the ability to insulate or conduct heat

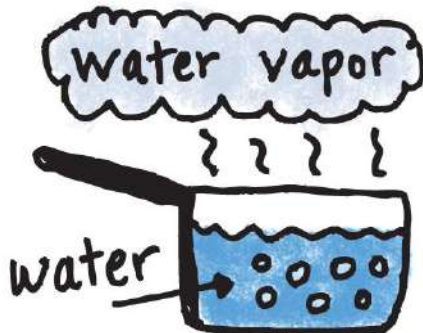
What is a single part of a mixture or solution?



ingredient

a single part of
a mixture or
solution

What is it when there is a difference without changing what the material is made of?

	physical change	make different without changing what the material is made of. example: melting
--	----------------------------	---

What is a mixture of one substance dissolved evenly in another?

lemon
juice
+
sugar
+
water
= lemonade



Solution

a mixture of one
Substance dissolved
evenly in another

Sources

- <http://weknowyourdreams.com/image.php?pic=/images/salt/salt-09.jpg>
- <http://images.fineartamerica.com/images-medium-large-5/mixed-nuts-andee-photography.jpg>
- <http://www.simplyum.com/wp-content/uploads/2013/06/refreshing-lemonade-1.jpg>
- <http://www.virginiabusinesslitigationlawyer.com/dissolve.jpg>
- <http://images.wisegeek.com/screws-stuck-to-ring-magnet.jpg>
- <http://www.chemistryland.com/CHM130FieldLab/Lab4/MeltingIce.jpg>