



MIDDLE PRIMARY

Beginner Science

E-Booklet

Part 2



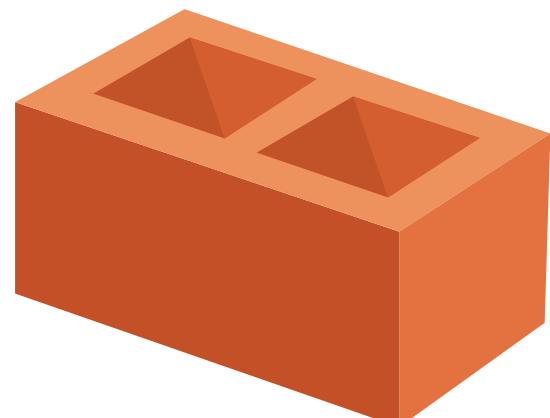
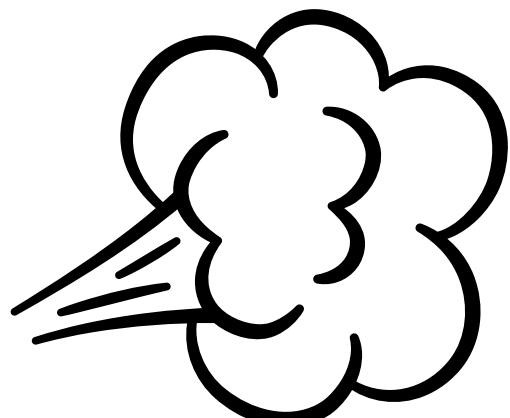
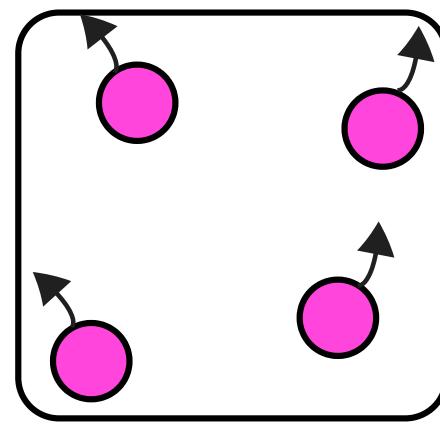
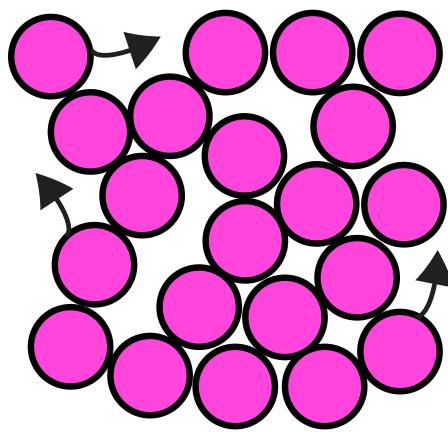
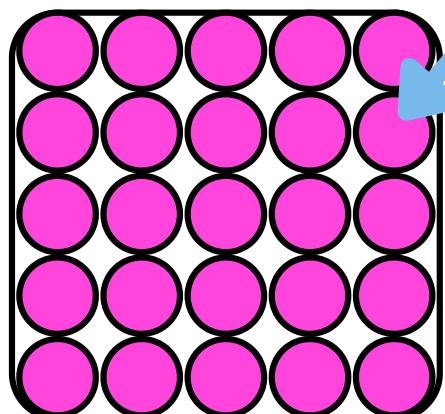
States of Matter

Middle Primary Beginner Science

Name the three states of matter in the boxes below:

Label each pictures below as one of the three states of matter listed above:

molecules



Name a solid and describe what happens to it when heated. Explain in terms of molecules.

States of Matter Solutions

Middle Primary Beginner Science

Name the three states of matter in the boxes below:

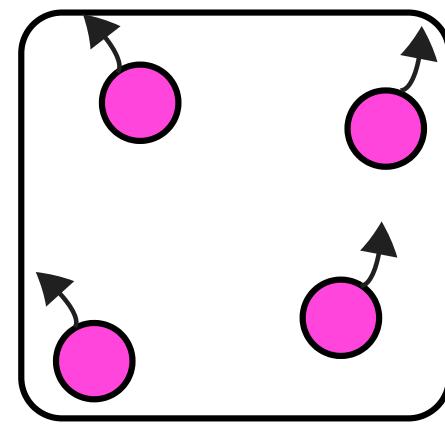
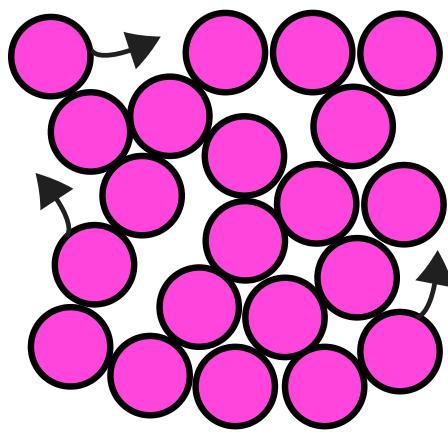
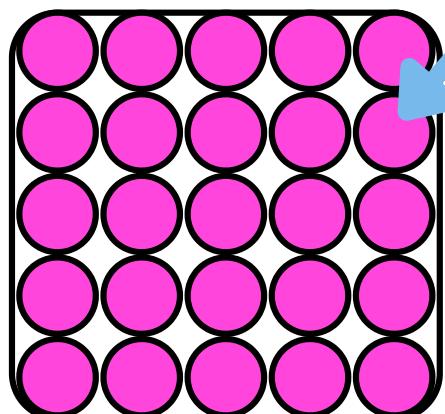
solid

liquid

gas

Label each pictures below as one of the three states of matter listed above:

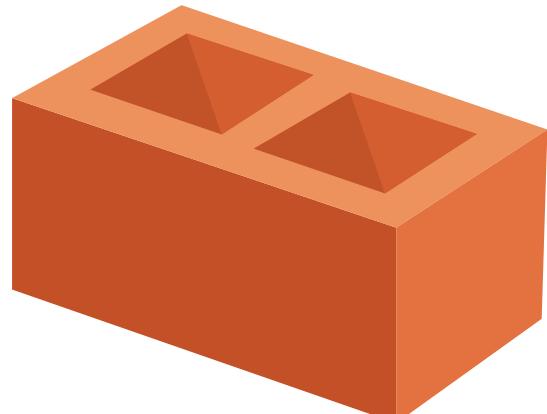
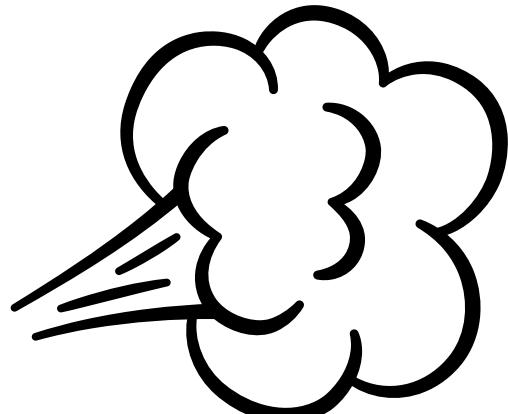
molecules



solid

liquid

gas



gas

solid

liquid

Name a solid and describe what happens to it when heated. Explain in terms of molecules.

An example of a solid is rock. It keeps its shape as its molecules are fixed in their position.

When it is heated, the tiny molecules gain energy and vibrate in their fixed position.

The rock keeps its shape unless the heat is too much, then it melts.

Characteristics of Living and Non-Living Things

Middle Primary Beginner Science

Read each statement. Circle True or False.

Non-Living Things can breathe.

True

False

Living Things need food for energy.

True

False

Non-Living Things consume food.

True

False

Non-Living Things have senses.

True

False

Living Things can get rid of unwanted materials.

True

False

Non-Living Things can move on its own.

True

False

Water, Air and Sunlight are Living Things.

True

False

Living Things can reproduce.

True

False





Characteristics of Living and Non-Living Things - Solutions

Middle Primary Beginner Science

Read each statement. Circle True or False.

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False

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Water, Air and Sunlight are Living Things.

True

False

Living Things can reproduce.

True

False





Characteristics of Living Things

Middle Primary Beginner Science

Use the helping words to fill in the blanks.

copies	waste	respond
body	energy	characteristics
movements	live	environment

Biologists use seven _____ to decide if something is living.

Movement

All living things move in some way, although their _____ might not be seen

Respiration

All living things need _____ to survive, so they carry out respiration

Sensitivity

All living things _____ to survive in their _____

Growth

All living things grow and replace _____ parts

Reproduction

All living things have a way of making _____ of their own kind

Excretion

All living things must eliminate _____ from their bodies

Nutrition

All living things take in food or a source of nutrients in order to _____



Characteristics of Living Things - Solutions

Middle Primary Beginner Science

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body	energy	characteristics
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Biologists use seven **characteristics** to decide if something is living.

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Growth

All living things grow and replace **body** parts

Reproduction

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Excretion

All living things must eliminate **waste** from their bodies

Nutrition

All living things take in food or a source of nutrients in order to **live**

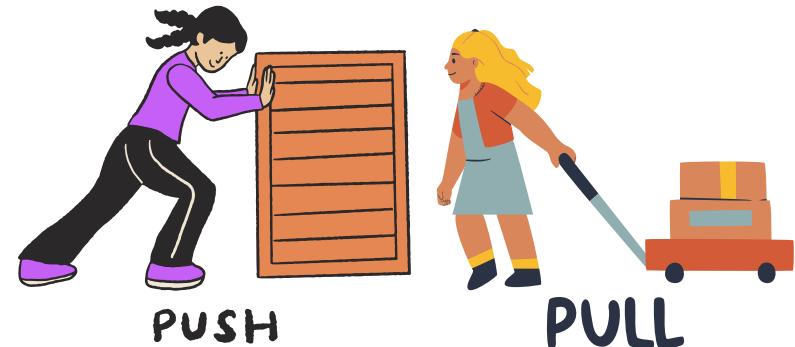
Using Forces

Middle Primary Beginner Science

Fill in the blanks.

balanced move equal force
unbalanced opposite change shape

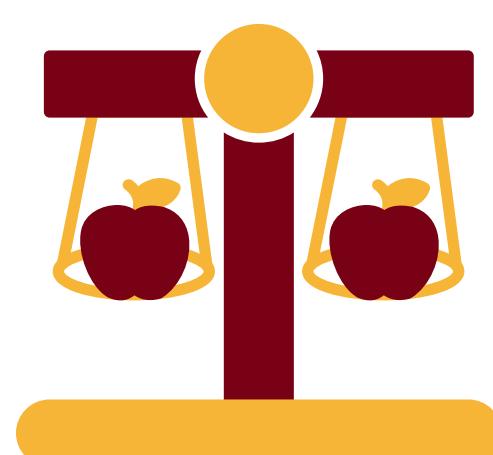
A push or a pull is a _____



When forces acting on something are
_____ the object will move or



When forces acting on something are
_____ the object will not



Balanced forces push on _____
sides of something with _____
strength.



Using Forces - Solutions

Middle Primary Beginner Science

Fill in the blanks.

balanced

move

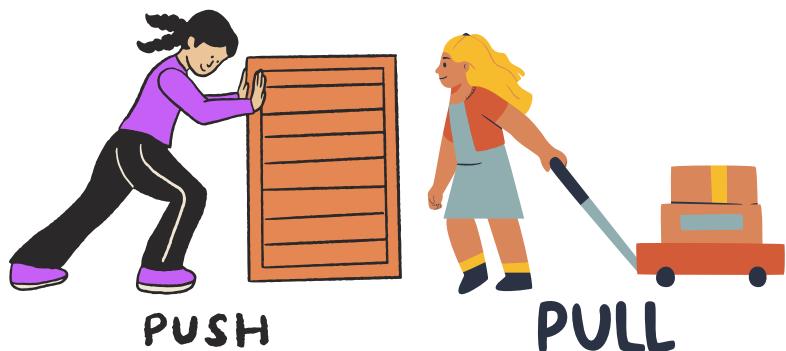
equal

force

unbalanced

opposite

A push or a pull is a force

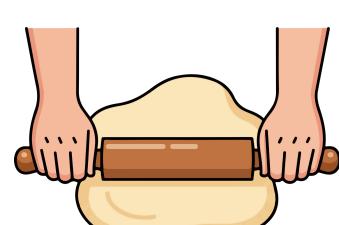


When forces acting on something are

unbalanced

the object will move or

change shape

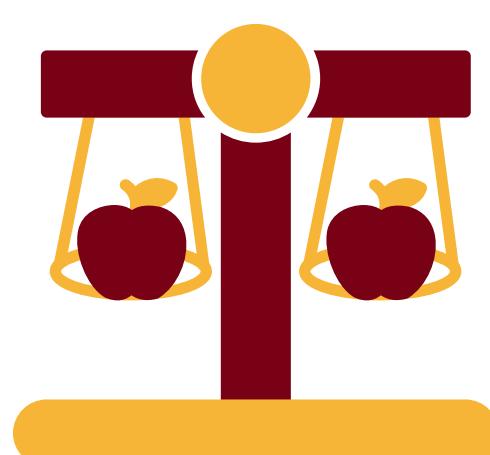


When forces acting on something are

balanced

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Balanced forces push on opposite

sides of something with equal

strength.

