

SCIENCE FACT- WEEK 1

Physics and chemistry are both the studies of matter and energy.

SCIENCE FACT- WEEK 2

Matter is anything that has volume and mass.

SCIENCE FACT- WEEK 3

The three states of matter are solid, liquid and gas.

SCIENCE FACT- WEEK 4

Viscosity is the thickness or resistance to flow.

SCIENCE FACT- WEEK 5

An atom is the smallest particle of an element that still keeps the properties of that element.

SCIENCE FACT- WEEK 6

An atom is made up of protons, neutrons, and electrons.

SCIENCE FACT- WEEK 7

A compound is a pure chemical substance with two or more different elements combined.

SCIENCE FACT- WEEK 8

The pH of pure water is 7.(neutral)

SCIENCE FACT- WEEK 9

A chemical reaction changes the substance on the molecular level.

SCIENCE FACT- WEEK 10

A mixture is two or more substances that have been combined and still keep their own identity.

SCIENCE FACT- WEEK 11

Newton's first law of motion states that something at rest tends to stay at rest unless something forces it to move.

SCIENCE FACT- WEEK 12

Force is a push or pull on an object.

SCIENCE FACT- WEEK 13

Friction is the force that holds back the movement of an object.

SCIENCE FACT- WEEK 14

The law of universal gravitation states that the closer the things are to one another the more powerful the attraction.

SCIENCE FACT- WEEK 15

Energy is the ability of someone or something to do work.

SCIENCE FACT- WEEK 16

The two main kinds of energy are kinetic energy and potential energy.

SCIENCE FACT- WEEK 17

Sound is the vibrations that travel through materials from a source.

SCIENCE FACT- WEEK 18

We measure loudness in decibels.

SCIENCE FACT- WEEK 19

The two most common elements on the sun are hydrogen and helium.

SCIENCE FACT- WEEK 20

The two kinds of invisible light are ultraviolet and infrared.

SCIENCE FACT- WEEK 21

Temperature is the measurement of how active molecules are in a substance.

SCIENCE FACT- WEEK 22

The first law of thermodynamics states that energy can never be created or destroyed in can only be changed.

SCIENCE FACT- WEEK 23

Electrostatic energy, also called static electricity, is stored energy.

SCIENCE FACT- WEEK 24

Volts, named after Alessandro Volta, measure the energy of the electrical charge.

SCIENCE FACT- WEEK 25

A magnetic field is the region around the magnet that produces a magnetic force.

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SCIENCE FACT- WEEK 26

The earth's core is mostly liquid iron.

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SCIENCE FACT- WEEK 27

A machine is any device that changes the amount of force you have to use to get something done.

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SCIENCE FACT- WEEK 28

A pulley is a simple machine that uses a rope, chain, or wire to lift something.

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