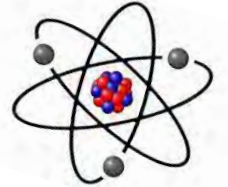


Maryland Day 2020

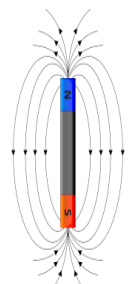
Department of Physics- Education Outreach

Physics at Home Activities



Phun Physics Terms!

F	R	T	E	E	N	E	C	O	T	T	R	Y	B
E	O	L	T	N	G	M	O	N	O	O	C	E	H
L	N	R	E	R	Y	V	M	A	G	N	E	T	L
E	R	O	C	R	L	V	E	L	O	C	I	T	Y
C	V	P	H	E	F	M	A	S	S	T	R	R	Y
T	R	B	L	A	C	K	H	O	L	E	V	H	T
R	L	T	V	O	L	U	M	E	I	C	E	O	I
O	I	L	E	T	G	E	S	U	E	L	T	M	V
N	G	O	B	O	E	C	G	M	T	A	R	H	A
E	H	T	M	O	T	A	A	C	G	L	E	L	R
M	T	O	E	L	N	O	T	W	E	N	C	E	G
I	N	E	R	T	I	A	I	C	I	A	A	M	E
S	G	E	N	E	R	G	Y	N	O	T	O	H	P
M	A	T	T	E	R	L	C	I	M	V	I	T	G



$$E=mc^2$$

Find these Phun Physics Terms!

Atom- The basic building block of all matter

Electron- A small, negatively charged particle that travels around the nucleus of atoms

Matter- Anything that takes up space or has mass or volume. Everything is made of matter!

Mass- The amount of matter that an object contains

Volume- The amount of space an object takes up

Inertia- Resistance of an object to any change in its motion

Velocity- The speed of an object or how fast it is going

Force- The push or pull on an object

Photon- The basic unit of light

Light- A type of energy that allows us to see the world!

Energy- The capacity to do work

Black Hole- A place where gravity has become so strong that nothing around it can escape, not even light

Newton- Last name of famous scientist, Isaac Newton, who coined three laws of motion.

Gravity- Force that attracts objects together

Magnet- Object that has a magnetic field; object that can pull some metals with attractive/repulsive force.