



General Science 1

Across

- 1 ____ Soda - Alternative name for Sodium Hydroxide
- 4 It turns litmus red
- 5 Ground-hugging stems
- 7 Separates solid from liquid by spinning it rapidly
- 9 Abbreviation for Polyvinyl Chloride
- 10 ____ Blue Cell Stain
- 17 About 3.26 light-years
- 18 Lab measurer, used with a special filler
- 19 Negative particle
- 23 Lighter fuel
- 28 Radioactive isotope of hydrogen
- 29 Light bounces off a mirror this way
- 31 Speedy subatomic particle
- 32 Red pigment in blood
- 35 Popular lab solvent, also propanone
- 39 Central part of a cell (or an atom)
- 40 Intoxicating agent
- 41 Conversion of glucose into Carbon Dioxide, Water and Energy
- 42 organelle contains enzymes responsible for production of energy
- 46 Part of a cell

- 48 Separation technique using filter paper and solvent. Used to separate dye components

- 50 Used to remove insoluble substance from a liquid
- 52 Word with test or paper
- 55 Saturated hydrocarbon
- 57 Thick black oil residue
- 58 The "Na" in NaCl
- 60 Deuterium has the first one of these in the periodic table
- 62 Blood thinner drug was rat poison
- 63 Used to be called Acetylene
- 67 Green coloring matter of leaves
- 68 One parent reproduction
- 69 it's what you find between particles in matter

Down

- 2 Gap between neurons
- 3 Whiplike cell part, helps movement
- 4 Hydrocarbon with one double bond
- 6 Cutting light
- 8 One formed by meiosis
- 11 ____ acid (old name for hydrochloric acid)
- 12 ____ Acid - Full name for the DN in DNA
- 13 It turns litmus paper blue
- 14 Heart chamber

- 15 Increasing in velocity and measured in m/s/s
- 16 Type of indicator that covers the whole pH range
- 17 Indicator that goes from colourless to pink
- 18 Used in car window de-icer
- 20 ____ acid (dyeing liquid) - Old name for Methanoic
- 21 Luminous stellar explosion
- 22 Energy type, mass x g x height
- 24 Like the energy generated by harnessing the heat of the earth's interior
- 25 Product of photosynthesis along with Oxygen
- 26 ____ zero (very cold)
- 27 Osmosis goes from high to low across a concentration ____
- 30 Element named after Dmitri, the creator of the periodic table
- 33 ____ acid (soap ingredient)
- 34 Of a temperature scale in which 32 is water's freezing point
- 36 -- energy, of motion
- 37 Said to be the 4th state of matter
- 38 Second Isotope of Hydrogen
- 43 ____ acid (caustic chemical)
- 44 Newest Group 7 element named after a US state
- 45 Blackish solid or violet gas
- 47 Instant, also turning force
- 48 Swedish temperature scale creator
- 49 Large ____ Collider (CERN particle accelerator)
- 51 Triple bonded hydrocarbon gas such as Ethyne (Acetylene)
- 53 It orbits the sun in 88 days, also a liquid metal
- 54 Diffusion of fluids, as through a membrane
- 56 It's arranged in a six-sided ring
- 57 Glass tube with a stopcock, used by chemists
- 59 Blood carrier from the heart
- 61 Cell formed from two gametes
- 64 Reaction release
- 65 Light particle
- 66 Hydrogen has only one of these in its nucleus
- 68 ____ Particle, Helium nucleus