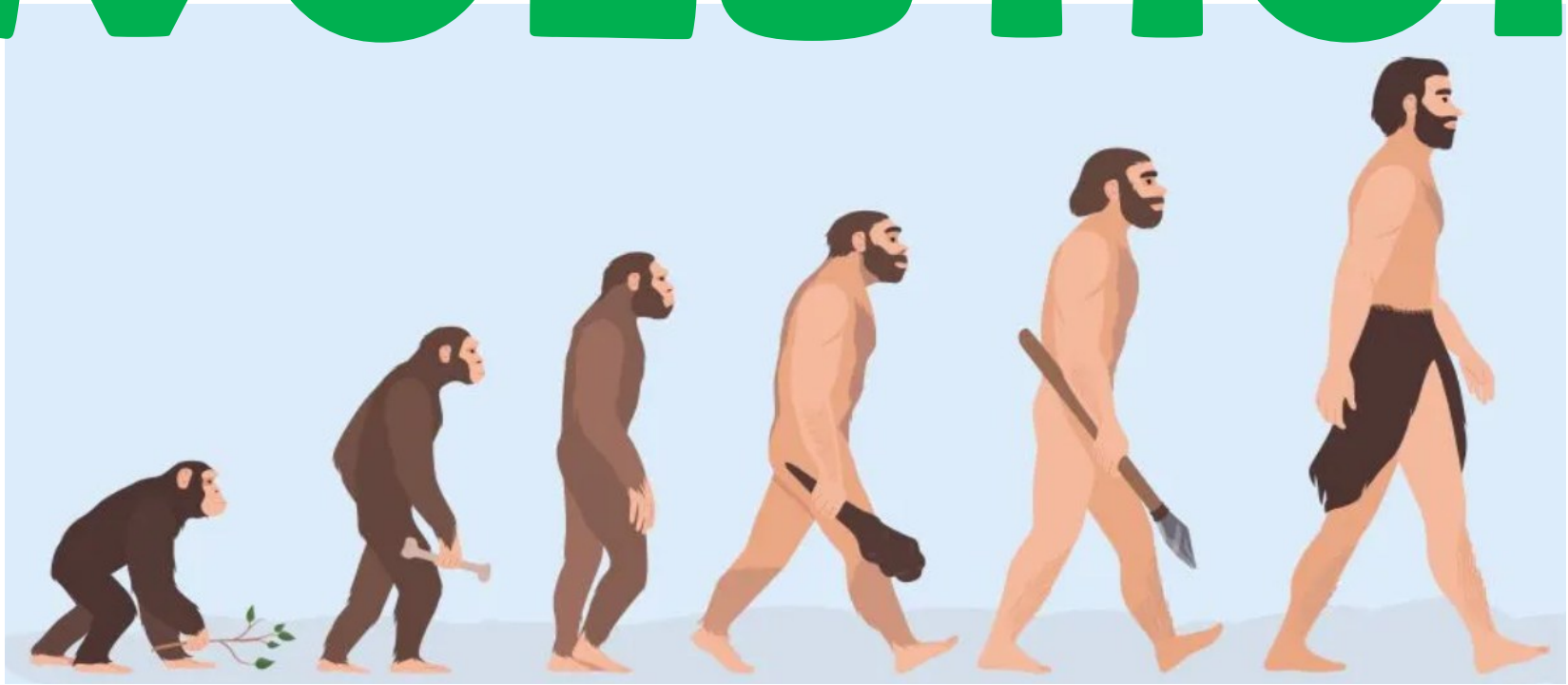
COLMORE JUNIOR SCHOOL Y6 SCIENCE

EVOLUTION



USEFUL VOCABULARY:

evolution dinosaur adaptation offspring habitat

environment variation Charles Darwin gene fossil dominant DNA

Mary Anning breeding inherit characteristic palaeontologist natural selection

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LIGHT



USEFUL VOCABULARY: refraction shadow shape similar scelera lens pupil reflection transparent opaque translucent light source concave eye direction mirror object retina convex optic nerve iris cornea

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SOUND



USEFUL VOCABULARY:

quiet volume, echo, vibrate, ear canal, outer ear, solid, amplitude, auditory nerve, strength, instrument, inner ear, low pitch, gas, vibration, loud volume, wavelength, frequency, liquid, high pitch, cochlea, pinna, ear drum, sound wave

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EARTH AND SPACE



USEFUL VOCABULARY:

asteroid rotate shape planet sun space telescope

gravity rocky solar Earth gas satellite rings

comet moon system star orbit atmosphere

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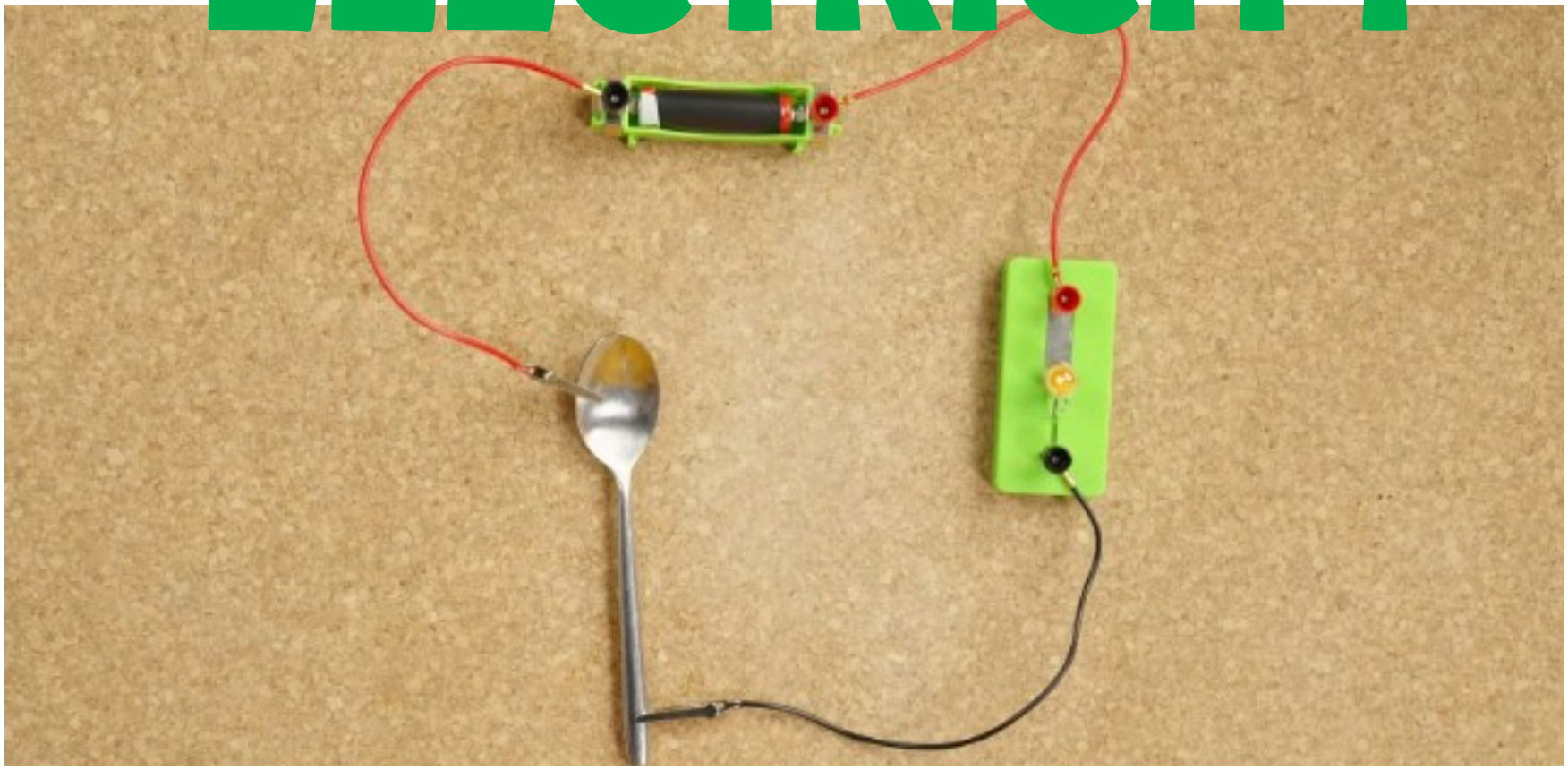
ELECTRICITY



USEFUL VOCABULARY:

electricity insulator bulb circuit buzzer

environment motor wire renewables cell fossil fuels switch generation

diagram function voltage symbol conductor component

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HUMAN BODY



USEFUL VOCABULARY: Skeleton protection movement support muscle contract digestive system circulatory system heart blood vessels blood pulse exercise nutrients transported diet carbohydrates dairy protein fruit vegetables sugars fats drugs medicines aging development gestation

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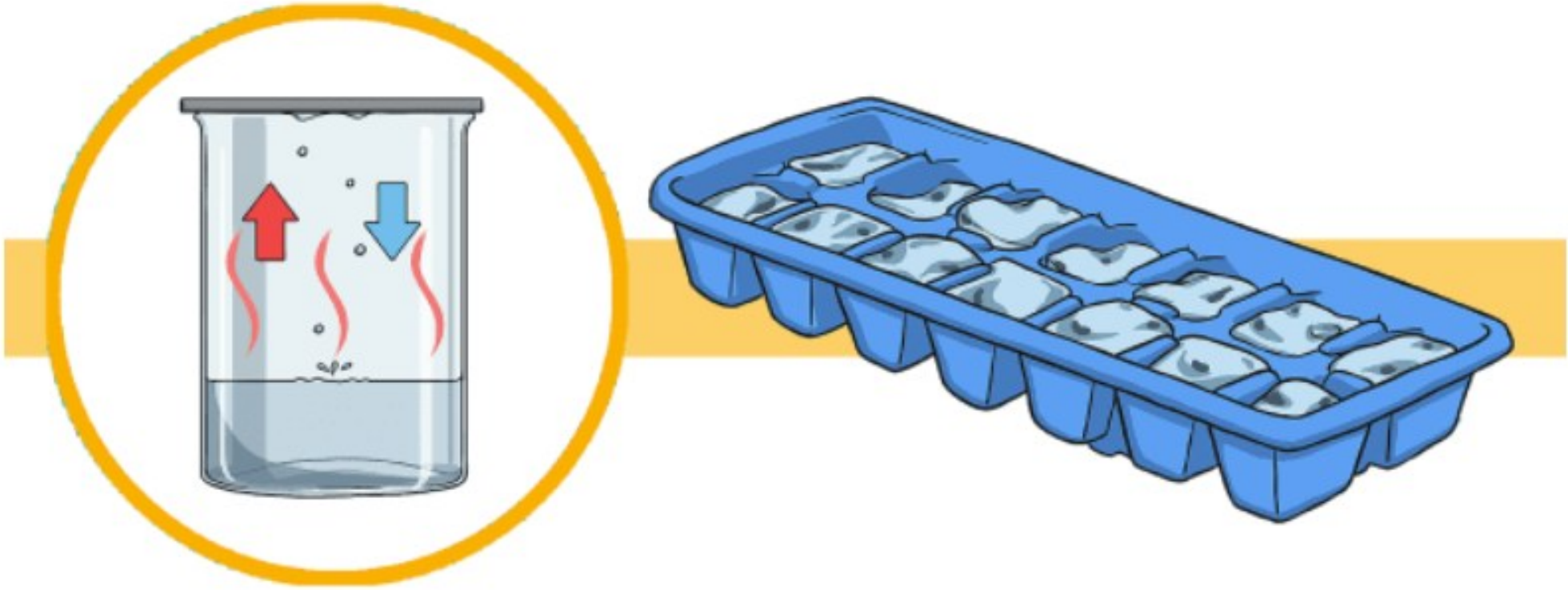
MATERIALS CHANGES



USEFUL VOCABULARY:

substance, solution, solid, mixture, gas, evaporate, separate, reversible, physical, liquid, irreversible, change of state, filter, sieve, boiling, dissolve, recover

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PLANTS



USEFUL VOCABULARY:

flowering plant seed formation transportation germination life cycle

stamen stigma ovary flower roots leaves stem photosynthesis chlorophyll

reproduction pollination sepal ovule seed dispersal carpel

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FORCES



USEFUL VOCABULARY: force push pull friction gravity Isaac Newton water resistance air resistance streamlined sink float up-thrust Newton-meter force-meter arrows surfaces movement

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HABITATS



USEFUL VOCABULARY:

classification prey predator consumer producer

environment habitat waste litter human impact pollution

wild natural location biodiversity conservation classification key

COLMORE JUNIOR SCHOOL Y4 SCIENCE

MATERIALS



USEFUL VOCABULARY:

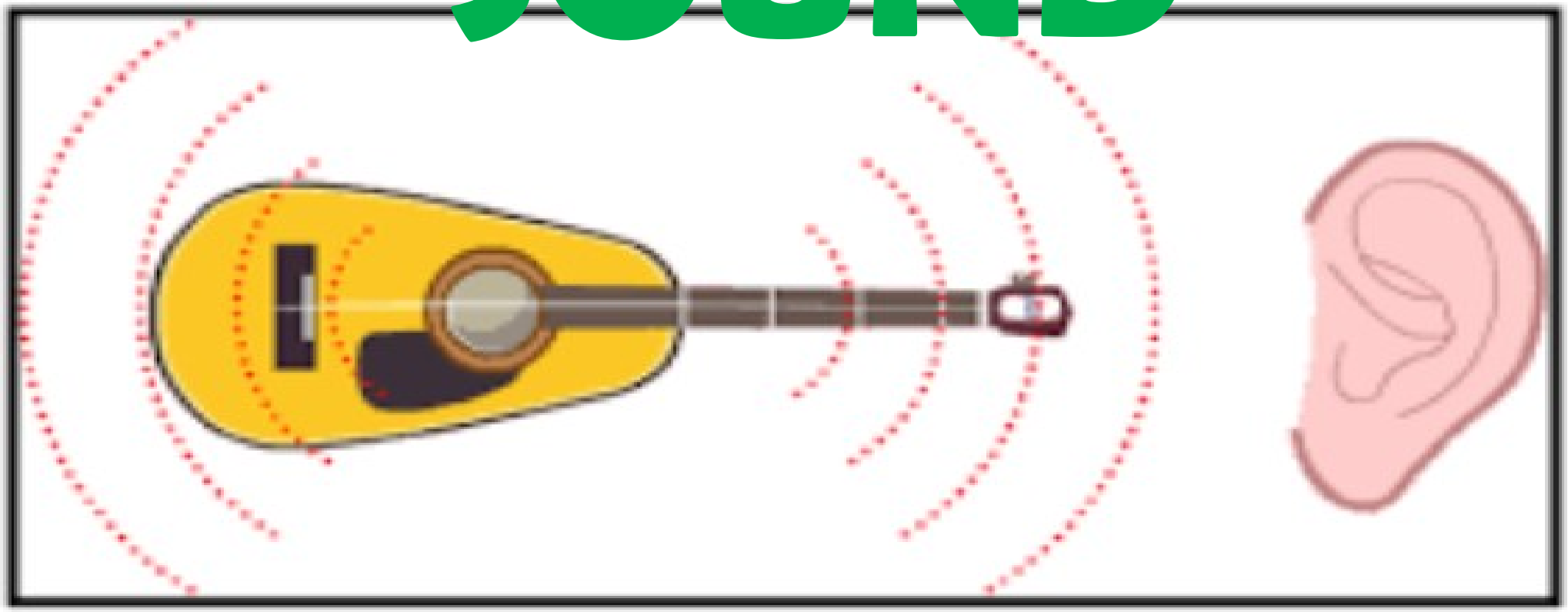
liquid reversible solids air

water ice waste gases state heat cycle

melt freeze vapour methane evaporation condensation cold

COLMORE JUNIOR SCHOOL Y4 SCIENCE

SOUND



USEFUL VOCABULARY:

sound quiet echo loud vibration

material travel pitch volume length ear anvil stirrup

soft high low brain hammer instrument

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SPACE



USEFUL VOCABULARY:

solar system planet gravity

vacuum atmosphere orbit year month

Sun star sphere day moon

COLMORE JUNIOR SCHOOL Y4 SCIENCE

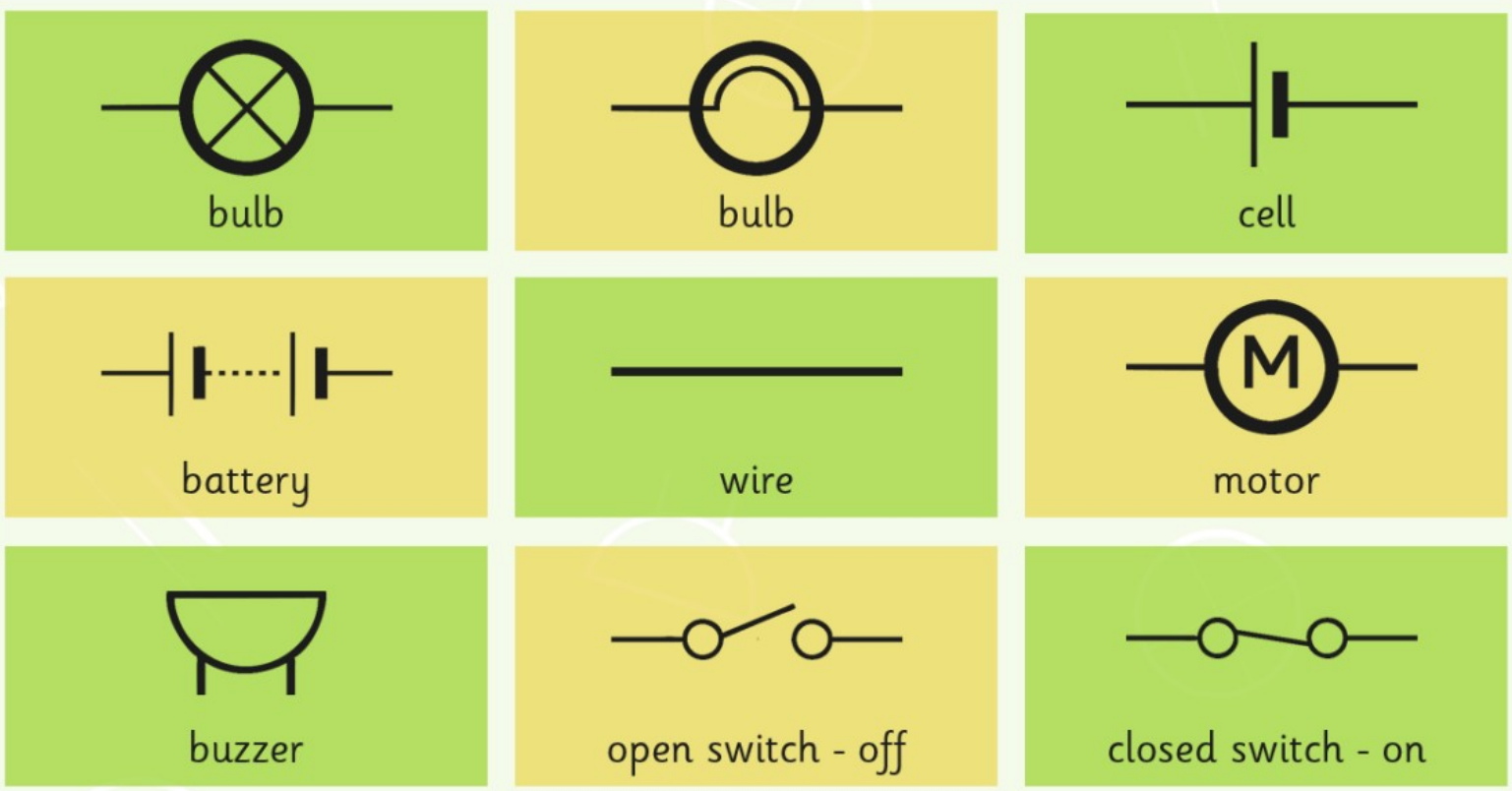
MATERIALS



USEFUL VOCABULARY: electricity conductor insulator circuit bulb buzzer motor battery/cell wire switch symbol generation complete circuit, incomplete circuit circuit diagram renewables.

COLMORE JUNIOR SCHOOL Y3 SCIENCE

ELECTRICITY



USEFUL VOCABULARY: electricity conductor insulator circuit bulb buzzer motor battery/cell wire switch symbol generation complete circuit, incomplete circuit circuit diagram renewables.

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MAGNETS



USEFUL VOCABULARY:

Magnet magnetic non-magnetic pole north south attract

repel metal steel aluminium iron bar horseshoe

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PLANTS



USEFUL VOCABULARY:

plant germination roots leaf water air
grow stem warmth light flower
food soil seed pollination

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MATERIALS-ROCKS



USEFUL VOCABULARY:

rocks soils natural chalk man-made

waterproof absorb sedimentary plastic granite fabric hard metamorphic

igneous properties glass permeable transparent wood flexible slate

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HUMAN BODY



USEFUL VOCABULARY:

Skeleton support protection movement upright

lungs unhealthy healthy body teeth intestines incisor canine

molar muscle stomach heart brain human growth nutrition