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| **FOODS & DIGESTION** | **ANIMALS**  **EVOLUTION INHERITANCE**  **CLASSIFICATION** | | **HUMAN BODY** | |
| nutrients  starches  protein  balanced diet  carbohydrates  fibre  digestive system  antioxidants  minerals  diet  energy  healthy | omnivore  carnivore  herbivore  mammal  reptile  arachnid  crustacean  annelid  insect  amphibian  mollusc  predator  prey  food chain  organism  generation  reproduce  survival  descended  classifying  natural selection  species  primates  prehensile  Charles Darwin  mutation  evolution  inheritance  inherited  offspring  characteristics  traits  distinctive  variation  resistance  disease  pigment  crossbreed  adapted  vertebrate  invertebrate  environment  fossils  palaeontologist  extinct | deforestation  cross pollination  selective breeding  offspring  cold blooded  unsegmented  segmented  echinoderm  annelid  myriapod  Carl Linnaeus  classification  aquatic  botanist  nutrients  roots  stem  rhizoids  spores  non flowering  flowering  system  taxonomy  kingdom  order  genesis  species  phylum  class  microbes  bacteria  fungi  viruses  oxygen  diseases | organs  collar bone  ribs  femur  fibula  tibia  pelvis  vertebrae  shoulder blade  skull  vertebrates  invertebrates  muscle  contract  teeth  incisors  canines  molars  premolars  milk teeth  tongue  liver  large intestine  small intestine  oesophagus  stomach  pancreas  digestion  digestive system  saliva  enzymes  bloodstream  hydrates  absorbs  toxins  bacteria  yeast  faeces  balanced diet  energy  muscle  exercise  heart rate  vitamins  minerals  protein  heart  lungs  oxygen (o2)  pulmonary veins  right atrium  pulmonary veins | carbohydrate  minerals  fibre  fat  sugars  starches  organs  immune system  digestive system  source of energy  insulation  nerve fibres  iron  calcium magnesium  zinc  potassium  circulatory system  absorbs  blood stream  carbon dioxide (co2)  arteries  vitamin c  deficiencies  blood vessels  veins  pulse rate  smooth muscles  cardiac muscles  skeletal muscles  contract  relax  beneficial  harmful  medicines  prescription  tobacco  cigarettes  nicotine  addictive  drugs  cardiovascular disease  blood pressure  asthma  alcohol  liver  right ventricle  aorta  left ventricle  left atrium |

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| **ROCKS** | **MAGNETS** | **LIGHT** | **STATES OF MATTER** | **FORCES** |
| rock  fossil  soil  mineral  crystal  marble  hard-wearing  slate  chalk  limestone  natural  man-made  criterion  characteristics  venn diagram  carroll diagram  erosion  permeable  microorganisms  fragment  contract  weathering  decaying  organic layer  topsoil  subsoil  bedrock  sand  silt  compressed  inner core  outer core  crust  mantle  iron  igneous rock  sedimentary rock  metamorphic rock  petrified  dissolves  palaeontologist  organisms  prehistoric  erosion  ammonite  trilobite  belemnite  coprolite | force  magnet  push  pull  forcemeter  spring  stretch  newton meters  gravity  weightless  magnetism  magnetic field  iron filings  magnetic poles  compass  attract  repel  magnetic  non-magnetic  predict  iron  steel  copper  brass  aluminium  alloys  nickel  cobalt | light  shadow  dark  emit  light sources  reflection  day  night  axis  dawn  dusk  artificial light  uv  opaque  transparent  translucent  light  shadows  source  reflects  cornea  lens  optic nerves  retina  pupil  iris | solid  liquid  gas  evaporate  freeze  compare  group  similarities  differences  particles  properties  air resistance  compress  changing state  solidify  temperature  thermometer  mercury  molten rock  lava  degrees celsius  fahrenheit  condensation  water cycle  water vapour  condensation | force  gravity  earth  weight  gravitational force  centre of the earth  meteorite  crater  diameter  atmosphere  eroded  friction  resistance  forcemeter  newtons  grams  Isaac Newton  water resistance  streamlined  levers  pulleys  hinge  fulcrum  air resistance  gears  cog wheels  transmission  axle  driver gear  anticlockwise  clockwise |

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| **SOUND** | **ELECTRICITY** | **LIFE CYCLES** | | **EARTH AND SPACE** |
| sound  vibrations  sound waves  air particles  materials  soundproofing  orchestra  pitch  volume  length  tightness  thickness | electricity  circuits  conductors  components  static  current  atoms  protons  electrons  power source  battery/cell  wire  bulb  complete circuit  mains  appliances  plug  socket  pylon  power station  caution  portable  replaced  recharged  conductor  insulator  voltage  volt  current  conductor  motor  insulator  amperes  buzzer  switch  open switch  closed switch  series circuit  parallel circuit  dimmer  conventional  symbols | life cycles  flower  petal  filament  anther  stigma  style  ovary  carpel  stamen  sepals  egg cells  pollen  nectar  fertilised  reproduce  reproduction  pollination  genetic information  pollen tubes  sexual reproduction  bulb  tubers  runner  plantlets  clone  genetically identical  cuttings  parent plant  organism  internal fertilisation  external fertilisation  mating  womb  nutrients  offspring  sperm  embryo | pregnant  colonies  environment  gestation periods  mammal  life expectancy  reptile  incubate  metamorphosis  pupa  breeding  naturalists  oceanographer  laboratories  pollution  conservation  pesticides | sun  earth  moon  spherical  space  sphere  astronauts  horizon  diameter  rotation  shadow  axis  rotate  time zones  sunrise  sunset  orbits  satellite  craters  meteors  emits  reflects  waning crescent  waning gibbous  waxing crescent  waxing gibbous  half moon  new moon  full moon  calendar  lunar cycle  solar system  leap year  planets  asteroid belt  Mercury  Earth  Venus  Mars  Jupiter  Saturn  Uranus  Neptune |

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| **GROWTH AND REPRODUCTION** | | **PLANTS** | **PROPERTIES OF MATERIALS** |
| factors  life cycle  gestation  infancy  childhood  adolescence  adulthood  old age  fertilised female egg cell  womb  microscopic  embryo  foetus  ultrasound scan  babies  infant  puberty  sperm cell  reproduce  nutrients  twins  sexual intercourse  bladder  penis  testes  reproductive organs  urine  uterus  ovary/ies  bladder  vagina  embryo  breastfeed  breasts  hormones  glands  pituitary gland  sex hormones | pubic hair  armpit  ejaculate  periods  hips  menstruation  sanitary pads  tampons  wet dream  sweat  deodorant  antiperspirant  genitals  balanced diet  hygiene  adolescence  mature  elasticity  smoking  alcohol  growth  development  exercise | producers  consumer  photosynthesis  organism  ecosystem  roots  stem  flower  leaf  flowering plants  seed  moisture  absorb  minerals  soil  photosynthesis  chlorophyll  evaporates  pollen  reproduction  egg cell  pollination  sepal  petal  stamen  carpel  anther  filament  aquatic plants  nectar  style  stigma  ovary | dissolve  solid  liquid  gas  solution  particles  transparent  react  float  sink  soluble  evaporation  reversible  filtering  filtration  sieving  insoluble  water cycle  effervescent  substance  heating  cooling  temperature  thermometer  condensation  freezing  melting  ignite  flammable  malleable  brittle  comparative  soluble  conductive  flexible  compressed  waterproof |