

Science Paper 1 Key Words

Below are **extensive keyword banks** for each topic — **simple list format**, exam-friendly, parent-friendly, and teacher-ready. These are the exact **words examiners expect students to recognize, use, and apply.**

FOOD CHAINS & FOOD WEBS

- food chain
- food web
- producer
- consumer
- herbivore
- carnivore
- omnivore
- predator
- prey
- decomposer
- scavenger
- energy transfer
- energy flow
- sunlight
- green plants
- photosynthesis
- nutrients
- ecosystem
- habitat
- population

- community
 - balance
 - interdependence
 - trophic level
 - primary consumer
 - secondary consumer
 - tertiary consumer
 - top predator
 - arrows (direction of energy)
 - removal of organism
 - collapse of food chain
 - competition
 - survival
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PLANT GROWTH / GERMINATION

- germination
- seed
- seed coat
- embryo
- cotyledon
- sprouting
- seedling
- roots
- shoot
- stem
- leaves
- chlorophyll
- photosynthesis
- sunlight

- water
- air
- oxygen
- carbon dioxide
- nutrients
- minerals
- soil
- fertile soil
- growth
- development
- stages of growth
- reproduction
- pollination
- fertilization
- dispersal
- healthy plant
- conditions needed for growth

REVERSIBLE vs NON-REVERSIBLE CHANGES

General

- change
- physical change
- chemical change

Reversible

- reversible
- temporary change
- original state
- melting
- freezing

- evaporation
- condensation
- dissolving
- solid
- liquid
- gas
- water cycle

Non-Reversible

- non-reversible
- permanent change
- new substance
- burning
- rusting
- cooking
- baking
- rotting
- decay
- spoiling
- tearing
- breaking
- chemical reaction

CONSERVATION / REDUCE–REUSE–RECYCLE

- conservation
- environment
- natural resources
- reduce
- reuse
- recycle

- waste
- pollution
- land pollution
- water pollution
- air pollution
- littering
- garbage
- landfill
- compost
- biodegradable
- non-biodegradable
- plastic
- paper
- glass
- metal
- energy saving
- water conservation
- replanting
- deforestation
- protection
- sustainability
- responsibility
- community action

ENERGY

- energy
- source of energy
- renewable energy
- non-renewable energy

- light energy
- heat energy
- sound energy
- electrical energy
- chemical energy
- solar energy
- wind energy
- water (hydro) energy
- fuel
- food as energy
- movement
- work
- transfer of energy
- energy conversion
- energy conservation
- useful energy
- wasted energy

CIRCUITS

- circuit
- electrical circuit
- electricity
- electrical energy
- power source
- battery
- cell
- wire
- conductor
- insulator

- switch
- bulb
- lamp
- buzzer
- motor
- open circuit
- closed circuit
- complete circuit
- incomplete circuit
- flow of electricity
- current
- safety
- electric shock

FORCES

- force
- push
- pull
- movement
- motion
- speed
- direction
- gravity
- friction
- air resistance
- water resistance
- magnetic force
- attraction
- repulsion

- magnet
- weight
- mass
- balance
- unbalanced forces
- effect of forces
- stop
- start
- change direction
- slow down
- speed up

BODY SYSTEMS

General

- body system
- organs
- tissues
- cells
- function

Digestive System

- digestion
- mouth
- teeth
- tongue
- saliva
- oesophagus
- stomach
- small intestine
- large intestine

- nutrients
- absorption
- waste

Circulatory System

- heart
- blood
- blood vessels
- arteries
- veins
- capillaries
- oxygen
- nutrients
- transport

Respiratory System

- breathing
- lungs
- nose
- trachea
- oxygen
- carbon dioxide
- inhale
- exhale
- gas exchange

Skeletal & Muscular

- skeleton
- bones
- muscles
- joints
- movement

- support
- protection

Nervous System

- brain
 - spinal cord
 - nerves
 - senses
 - response
 - control
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