

YEAR 10 BIOLOGY LEARNING JOURNEY



Y10

4.1.1 CELL STRUCTURE

4.1.2 CELL DIVISION

4.2.2 ANIMAL ORGANS
SYSTEMS

4.2.1 PRINCIPLES OF
ORGANISATION

4.1.3 TRANSPORT IN CELLS

4.2.3 PLANT ORGANS

4.3.1 COMMUNICABLE
DISEASES

4.3.2 MONOCLONAL
ANTIBODIES (HT)

4.4.2 RESPIRATION

4.4.1
PHOTOSYNTHESIS

4.3.3 PLANT DISEASE

4.5.1 HOMEOSTASIS

4.5.2 HUMAN
NERVOUS SYSTEM

4.5.3 HORMONAL
COORDINATION

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4.5.4 PLANT HORMONES

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YEAR 10 CHEMISTRY LEARNING JOURNEY



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4.1.1 ATOMIC STRUCTURE

4.1.2 THE PERIODIC TABLE

4.2.3 STRUCTURE & BONDING OF CARBON

4.2.2 STRUCTURE & PROPERTIES

4.2.1 BONDING

4.2.4 PROPERTIES OF MATTER

4.4.1 REACTIVITY OF METALS

4.4.2 REACTIONS OF ACIDS

4.3.2 AMOUNT OF SUBSTANCE

4.3.1 CHEMICAL MEASUREMENTS

4.4.3 ELECTROLYSIS

4.3.3 YIELD AND ATOM ECONOMY

4.3.4 CONCENTRATIONS

4.3.5 VOLUME OF GASES

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4.5.2 CHEMICAL CELLS

4.5.1 ENERGY CHANGES

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4.1.1 ENERGY CHANGES

4.1.2 CONSERVATION OF ENERGY

4.3.2 INTERNAL ENERGY

4.3.1 PARTICLE MODEL

4.1.3 ENERGY RESOURCES

4.3.3 PRESSURE

4.2.1 CURRENT, POTENTIAL DIFFERENCE & RESISTANCE

4.2.2 SERIES & PARALLEL

4.2.5 STATIC ELECTRICITY

4.2.4 ENERGY TRANSFERS

4.2.3 DOMESTIC SAFETY

4.4.1 ATOMS & ISOTOPES

4.4.2 NUCLEAR RADIATION

4.4.3 HAZARDS AND USES

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4.6.1 WAVES

4.4.4 NUCLEAR FISSION AND FUSION

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4.7.1 ADAPTATIONS &
INTERDEPENDENCE

4.7.2 ORGANISATION
OF AN ECOSYSTEM

4.7.5 FOOD
PRODUCTION

4.7.4 TROPHIC LEVELS

4.7.3 BIODIVERSITY

4.5.1 HOMEOSTASIS

4.5.2 HUMAN
NERVOUS SYSTEM

4.5.3 HORMONAL
COORDINATION

4.6.2 VARIATION

4.6.1 REPRODUCTION

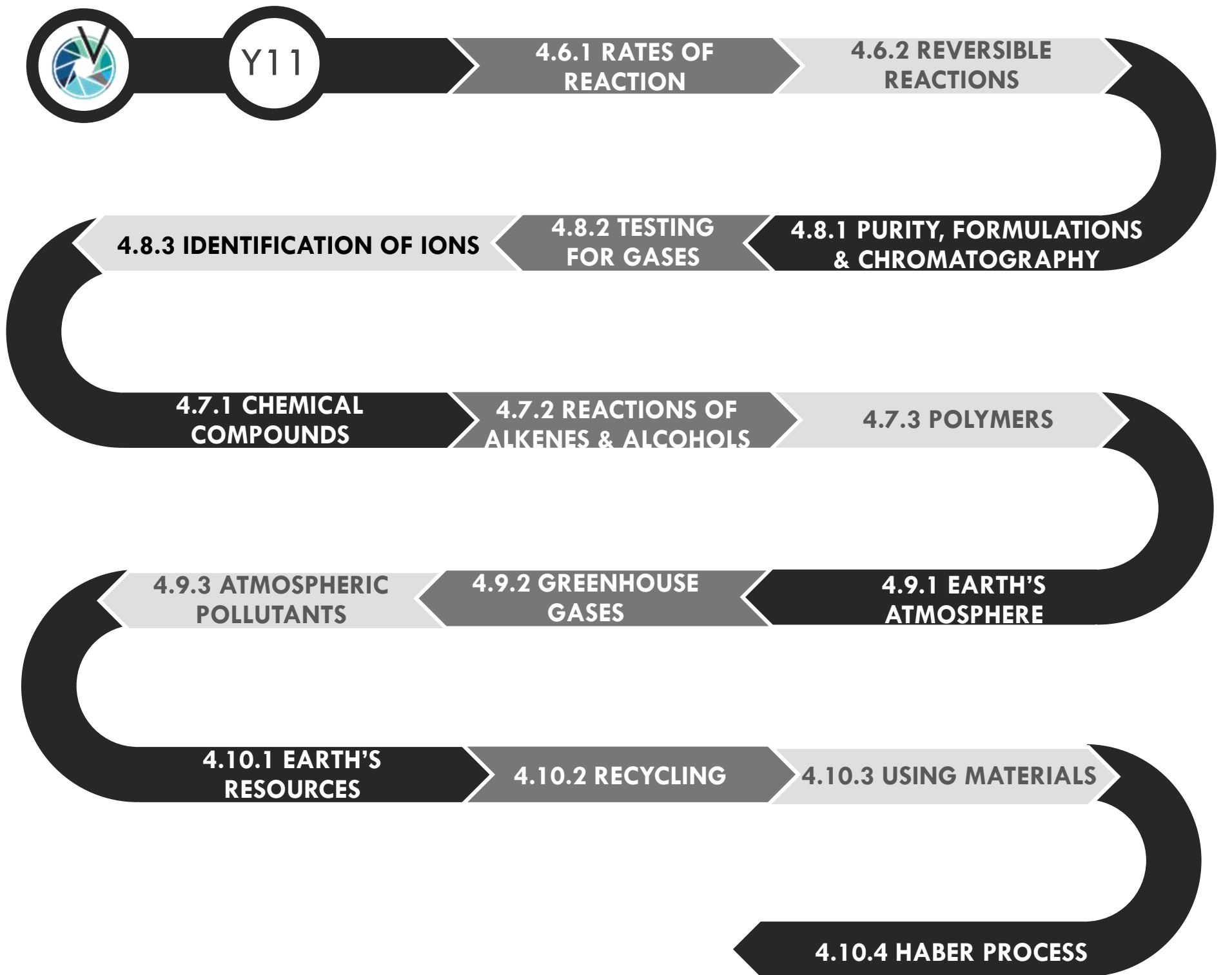
4.5.4 PLANT
HORMONES

4.6.3 EVOLUTION

4.6.4 CLASSIFICATION

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4.6.1 WAVES

4.6.2 ELECTROMAGNETIC WAVES

4.5.2 WORK DONE

4.5.1 FORCES & THEIR INTERACTIONS

4.6.3 BLACK BODY RADIATION

4.5.3 FORCES & ELASTICITY

4.5.4 MOMENTS, LEVERS & GEARS

4.5.6 FORCES & MOTION

4.7.2 THE MOTOR EFFECT

4.7.1 MAGNETISM

4.5.5 MOMENTUM

4.7.3 INDUCED POTENTIAL

4.8.1 SOLAR SYSTEM

4.8.2 RED SHIFT

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