

A Level Biology KS5: Year 12



3.5 Energy transfers between Organisms I
 3.5.3 Energy in ecosystems
 3.5.4 Nutrient cycles

3.7 Genetics, populations, evolution and ecosystems I
 3.7.4 Populations in ecosystems

SUMMER 3:2

3.3 Exchange and transport III
 3.3.4.1 Mass Transport in animals
 3.3.4.2 Mass transport in plants

3.4 Genetic variation III
 3.4.5 Taxonomy
 3.4.6 Biodiversity in a community
 3.4.7 Investigating biodiversity

SUMMER 3:1

3.4 Genetic variation II
 3.4.3 Diversity and meiosis.
 3.4.4 Diversity and adaptations

3.3 Exchange and transport II
 3.3.3.3 Digestion and absorption

SPRING 2:2

3.3 Exchange and transport I
 3.3.3.1 Surface area to volume ratio
 3.3.3.2 Gas exchange

3.4 Genetic variation I
 3.4.1 DNA, genes and chromosomes
 3.4.2 DNA and protein synthesis

SPRING 2:1

3.1 Biological Molecules II
 3.1.4 Proteins
 3.1.5 Nucleic acids
 3.1.6 ATP
 3.1.7 Water
 3.1.8 Inorganic ions.

3.2 Cells II
 3.2.4 Cell division
 3.2.5 Transport
 3.2.6 Immune system

AUTUMN 1:2

3.1 Biological Molecules I
 3.1.1 Monomers & polymers
 3.1.2 Carbohydrates
 3.1.3 Lipids,

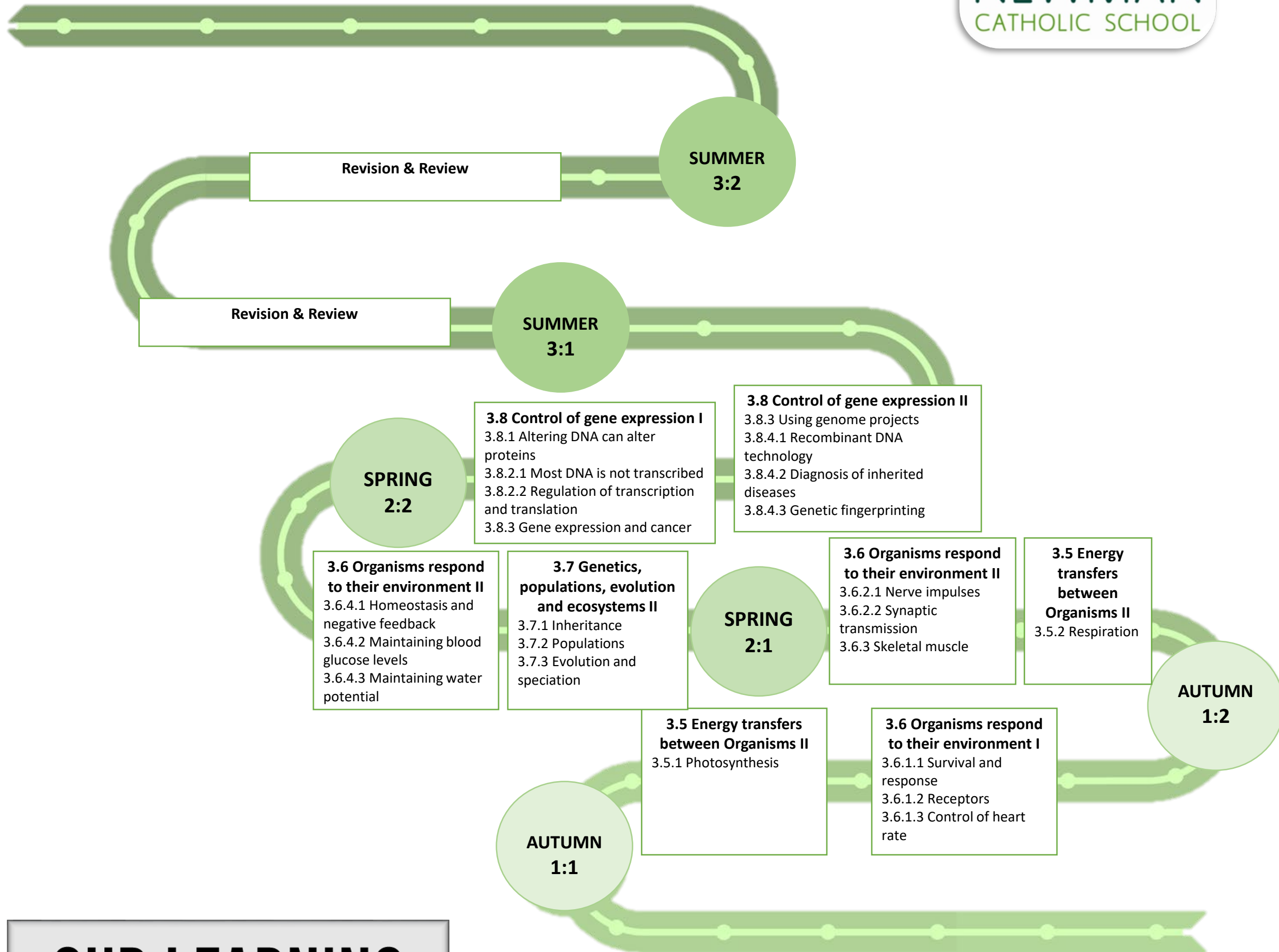
3.2 Cells I
 3.2.1 Eukaryotes,
 3.2.2 prokaryotes & viruses
 3.2.3 Studying cells

AUTUMN 1:1

GCSE Biology or GCSE Combined Science
 +
 Completion of the summer transition tasks

OUR LEARNING JOURNEY

A Level Biology KS5: Year 13



OUR LEARNING JOURNEY