

# St. John's Senior School



**Subject: Biology**  
**Teacher: D. Arnold**

**Form: 5<sup>th</sup>**  
**Term: Autumn 2023**

WEEK	WEEK BEGINNING	TOPIC
1	4 <sup>th</sup> September	Homeostasis, structure/function of nervous system
2	11 <sup>th</sup> September	Reflex arc brain and eye
3	18 <sup>th</sup> September	Mammalian hormones, blood glucose/ diabetes
4	25 <sup>th</sup> September	Negative feedback, adrenaline, thyroxine
5	2 <sup>nd</sup> October	<b>MINI-TEST</b>
6	9 <sup>th</sup> October	Review mini test, Oestrous cycle
7	16 <sup>th</sup> October	Skin, Temperature control, plant hormones
<b>HALF - TERM</b>		
8	30 <sup>th</sup> October	Kidney, dialysis, transplants.
9	6 <sup>th</sup> November	Mitosis/meiosis, types of reproduction.
10	13 <sup>th</sup> November	DNA, protein synthesis
11	20 <sup>th</sup> November	Mendelian genetics
12	27 <sup>th</sup> November	Genetics, variation, evolution
13	4 <sup>th</sup> December	Natural selection

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**Term: Spring 2024**

<b>WEEK</b>	<b>WEEK BEGINNING</b>	<b>TOPIC</b>
1	3 <sup>rd</sup> January (Wednesday)	<b>MOCK EXAMINATIONS</b>
2	8 <sup>th</sup> January	<b>MOCK EXAMINATIONS</b>
3	15 <sup>th</sup> January	Review mock, selective breeding, genetic engineering.
4	22 <sup>nd</sup> January	Theories of evolution, evidence
5	29 <sup>th</sup> January	Antibiotic resistance, extinction.
6	5 <sup>th</sup> February	Classification, ecology
<b>HALF - TERM</b>		
7	19 <sup>th</sup> February	Adaptation, interdependence, competition.
8	26 <sup>th</sup> February	Energy flow, recycling, decomposition.
9	4 <sup>th</sup> March	Trophic levels, biomass.
10	11 <sup>th</sup> March	Pollution.
11	18 <sup>th</sup> March	World ecological issues.

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**Term: Summer 2024**

<b>WEEK</b>	<b>WEEK BEGINNING</b>	<b>TOPIC</b>
1	16 <sup>th</sup> April (Tuesday)	Revision and practice papers
2	22 <sup>nd</sup> April	Revision and practice papers
3	29 <sup>th</sup> April	Revision and practice papers
4	7 <sup>th</sup> May	Revision and practice papers
5	13 <sup>th</sup> May	G.C.S.E. examinations
6	20 <sup>th</sup> May	G.C.S.E. examinations
<b>HALF - TERM</b>		
7	3 <sup>rd</sup> June	G.C.S.E. examinations
8	10 <sup>th</sup> June	G.C.S.E. examinations
9	17 <sup>th</sup> June	G.C.S.E. examinations
10	24 <sup>th</sup> June	G.C.S.E. examinations
11	1 <sup>st</sup> July	End of examinations