

# High Tunstall College of Science Curriculum Intent

Subject: Biology (Trilogy) Year: 10

## Thread 4— Homeostasis and Response



	Biology Thread 4	Progress		
Topic	Key ideas	R	A	G
Homeo- stasis and Response	I can explain the importance of being able to respond to environmental changes and coordinate behaviour			
	I can explain how the nervous system is adapted for its functions, naming the parts of the nervous system			
	I can plan and carry out an investigation in to the effect of a factor such as caffeine or having eyes open or closed on reaction time.			
	I can describe how hormones control systems of the body and what glands release hormones			
	I can describe how blood glucose is controlled			
	I can compare Type 1 and Type 2 diabetes			

Lesson	Learning Focus	Assessment	Key Words
1	Nervous system	Retrieval of year 9 work, labelling diagrams	Reflex arc, synapse
2	Reaction time RPA	Practical skills, practice exam questions	Reaction, response, factor
3	Human endocrine system	Summative ques-	Glands
4	Controlling blood glucose 1	Annotate a flow chart of information	Hypoglycaemia, hyperglycaemia
5	Controlling blood glucose 2	Practice exam questions	Hypoglycaemia, hyperglycaemia