

Response to stimuli

Specification reference	Checklist questions	
3.6.1.1	Can you define a stimulus and a response?	<input type="checkbox"/>
3.6.1.1	Can you examine the advantage to organisms of being able to respond to stimuli?	<input type="checkbox"/>
3.6.1.1	Can you describe taxes, kineses, and tropisms?	<input type="checkbox"/>
3.6.1.1	Can you explain how each type of response increases an organism's chances of survival?	<input type="checkbox"/>
3.6.1.1	Can you describe the stimuli that plants respond to?	<input type="checkbox"/>
3.6.1.1	Can you describe plant growth factors such as IAA?	<input type="checkbox"/>
3.6.1.1	Can you explain phototropism in flowering plants?	<input type="checkbox"/>
3.6.1.1	Can you explain gravitropism in flowering plants?	<input type="checkbox"/>
3.6.1.1	Can you explain how a simple reflex arc works?	<input type="checkbox"/>
3.6.1.1	Can you explain the roles of sensory, intermediate, and motor neurones play in a reflex arc?	<input type="checkbox"/>
3.6.1.1	Can you outline the importance of reflex arcs?	<input type="checkbox"/>
3.6.1.2	Can you describe the main features of sensory reception?	<input type="checkbox"/>
3.6.1.2	Can you describe the structure of a Pacinian copruscule and explain how it works?	<input type="checkbox"/>

Specification reference	Checklist questions	
3.6.1.2	Can you explain how receptors work together in the eye?	<input type="checkbox"/>
3.6.1.2	Can you describe the autonomic nervous system?	<input type="checkbox"/>
3.6.1.2	Can you explain how the autonomic nervous system controls heart rate?	<input type="checkbox"/>
3.6.1.2	Can you explain the role chemical and pressure receptors play in the processes controlling the heart rate?	<input type="checkbox"/>