

## 3.5.5.H Auxins

### Self Assessment

#### Where is your learning at?

- Green: I know it all  
 Orange: I have some idea – check the answers  
 Red: I need to start studying this section

	<b>CAN YOU</b>	<b>Green</b> 	<b>Orange</b> 	<b>Red</b> 
1	Name 4 external factors that regulate the growth of plants			
2	Explain what a growth regulator is			
3	Explain what a meristem is			
4	Explain the difference between a growth promoter and growth inhibitor			
5	Give an example of a regulator promoting growth			
6	Give an example of a regulator inhibiting growth			
7	Explain what an auxin is			
8	State what the initials IAA stand for			
9	State where auxin is made in a plant			
10	State how it travels through a plant			
11	List its function within cells			
12	Describe the overall effect it has on plant tissues			
13	Describe the differing effects it has on various parts of the plant			
14	Explain what a coleoptile is			
15	Explain the term apical dominance			
16	Explain the term fruit development			

## 3.5.6.H Plant Growth Regulators and Animal Hormones Feedback

[Extended Study]

### Self Assessment

#### Where is your learning at?

- Green: I know it all  
 Orange: I have some idea – check the answers  
 Red: I need to start studying this section

	<b>CAN YOU</b>	<b>Green</b> 	<b>Orange</b> 	<b>Red</b> 
	Explain the term Auxin			
	Explain the term elongate			
	Explain the term differentiate			
	Explain what a coleoptile is			
	Explain the term apical dominance			
	Explain what homeostasis is and its importance to animals			
	Distinguish between a sensor and an effector			
	Explain the term feedback			
	Explain the term negative feedback			
	Give an everyday example of negative feedback			
	Define the term "hormone"			
	Explain what the endocrine system is			
	Define the term "osmoregulation"			
	Explain how the body regulates its water levels			

	Use a simple diagram of the nephron to explain how it functions in osmoregulation			
	Say what ADH stands for			
	Say where ADH is made and where it acts			
	or			
	Explain the term "metabolism"			
	Explain the function of Thyroxine in the body			
	Say what TSH stands for			
	Say where TSH is made and where it acts			
	or			
	Explain the function of Insulin in the body			
	Say where insulin is made and where it acts			
	Explain what diabetes is and give some symptoms			