

Ch 39 Vocabulary

1. Hormone	A. inhibits growth and closes the stomata
2. Tropism	B. stem elongation
3. Auxin	C. directional growth as a response to touch
4. Cytokinin	D. growth of a shoot in a certain direction in response to light
5. Gibberellins	E. Pigments involved in plants response to light
6. Brassinosteroids	F. plant's response to gravity
7. Abscisic acid	G. response to relative lengths of light and dark
8. Ethylene	H. chemicals that signal and coordinate parts of an organism
9. Phototropism	I. germination of seed and buds
10. Gravitropism	J. 24 hour physiological cycles;
11. Thigmotropism	K. inhibits root growth
12. Phytochromes	L. cell division and differentiation
13. Circadian rhythm	M. controls when plants flower
14. Photoperiodism	N. movement toward or away from a stimulus
15. Critical night length	O. fruit ripening