	IB Biology HL II
Name _s	
Date	• •
,	nspiration Lab Simulation
⇒ Go to: http://www.phschool.com/	science/biology_place/labbench/lab9/intro.html
What property of water accounts xylem vessels? (1 pt)	for the fact that molecules of water "grab" the walls of the thin
 Water molecules pull each other l stoma, another is pulled up. What 	like beads on a string; as one molecule is evaporated through a troperty of water is demonstrated here? (1 pt)
 Place the following in order (list to potential, under normal condition) (a.) Mesophyll of leaves□(b.) Outside vessels 	he letters), from highest water potential to lowest water ns: (1 pt) a air around leaf (c.) Spaces around roots (d.) Inside the xylem
Factors That Affect the Rate of Trans	spiration: (1 pt each)
	he higher rate of transpiration: light or dark?
2. Which condition would result in tenvironment?	the higher rate of transpiration: humid environment or dry
3. Which condition would result in	the higher rate of transpiration: breezy conditions or still air?
4. Which condition would result in environme时?	the higher rate of transpiration: hot environment or warm
⇒ Stop at "Design of the Experim http://www.mhhe.com/biosci	nent", which shows a picture of a potometer, and go to /genbio/virtual labs/BL 10/BL 10.html