

Sample Questions for 10/9 Quiz

- *This is not homework (does not need to be handed in)*
- *Email me (gcrowther@st-johnschool.org) if you have questions*

- (1) Which of the following will increase a cell's rate of photosynthesis?
 - (a) An increased demand for carbon dioxide
 - (b) An increased demand for water
 - (c) An increased demand for glucose
 - (d) An increased demand for oxygen
 - (e) Both A and B
 - (f) Both C and D
- (2) Diffusion is the movement of ions or molecules from (a) _____ to (b) _____. [a few words per blank]
- (3) Iodine can get through a compost bag, but starch cannot. How does this model resemble a real cell?
- (4) How many molecules of water could a cell's mitochondria produce from 3 molecules of glucose?