Chapter 15 – Metabolism of other hexoses and the Pentose Phosphate Pathway

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| Objective | In-text reading | Pre-class materials/activities | In-class materials/activities | Practice problems from text |
| 1. Identify where sugars other than glucose enter into glycolysis and which points of control may or may not be bypassed. | 15.4 | Ch. 15 Other Hexoses and the PPP (Hayden Lecture)  How do carbohydrates impact your health? (TED Ed video) |  |  |
| 1. Be able to predict the biochemical route followed by glucose molecules to optimize production of the various products of the pentose phosphate pathway (PPP) | 15.5 | Ch. 15 Other Hexoses and the PPP (Hayden Lecture)  Glycolysis and the PPP Diagram (jpeg) | S31 – Pentose Phosphate Pathway | S31 – Additional Practice |
| 1. Know which carbons from glucose form CO2 in the PPP | 15.5 | Ch. 15 Other Hexoses and the PPP (Hayden Lecture) | S31 – Pentose Phosphate Pathway | S31 – Additional Practice |
| 1. State those biochemical processes in which NADPH is important. | 15.5 | Ch. 15 Other Hexoses and the PPP (Hayden Lecture)  Why Fava Beans Can Kill You (Sci Show video) | S31 – Pentose Phosphate Pathway | S31 – Additional Practice |
| 1. Develop your ability to transfer knowledge from one context to another. |  | The Neuroscience of Imagination (TED Ed video) | S31 – Pentose Phosphate Pathway | S31 – Additional Practice |

I was having a hard time finding problems in the text book for practice, so I created a practice activity on Sapling