**AP Connections via Wikipedia Practice #7:** [**Dixon’s Trip**](http://www.classroomscience.org/the-seven-ap-science-practices-practice-seven)**:**

**Peppered Moth**→**Feedback→Cellulose**→**Himalayan Rabbit**

**My Pathway (Note that the reasoning is missing, which makes it hard to follow---add your reasoning as you go so that it’s easier to understand!):**
***Peppered Moth*** *to Evolution to Carrying Capacity to Evolution to Metabolic Pathways to Circadian Rhythm to Hypothalamus to Oxytocin to* ***Feedback Loop*** *to Insulin Oscillations to Downregulation and Upregulation to Polychlorinated dibenzodioxins to Cytochrome P450 to Vitamin D to Alfalfa to Legumes to Cattle to* ***Cellulose*** *to Termites to Insects to Fly to Drosophilidae to Drosophila melanogaster to Phenotype to Thomas Hunt Morgan to Zoology to Classification to Evolutionary Taxonomy to Animal Kingdom to Mammals to Lagomorpha to Leporidae to European Rabbit (Oryctolagus cuniculus) to Angora Rabbits to* ***Himalayan Rabbit***

[**AP Biology Wiki Competition for Review:**](https://www.youtube.com/watch?v=7l4bcs49JP8)

**The DON’Ts:**

Except where otherwise noted, any player breaking these rules automatically forfeits the game.

DO NOT use the Wiki search box.

DO NOT use any of the links outside of the page’s contents. The contents of a page are demarcated by gray lines that intersect to make the page box.

 DO NOT click (for example) “Help,” “Donations,” “Related Changes,” “Category…” etc.

DO NOT visit external websites, you must stay within the bounds of Wikipedia.

DO NOT use the backspace or back arrow to return to a previous page. History is bunk in the Wiki Game (unless a referee or an opponent demands a recount).

DO NOT click on dates e.g. 2001, as these pages are too broad to pose a challenge.

DO NOT employ automated search tools to find a path for you.

DO NOT edit the start page to insert a link to the home page.

DO NOT use the ctrl +F function to search for words.

DO NOT use countries e.g. UK, Canada, United States.

**The DO’S:**

DO make connections using the links of Wikipedia (as few as possible) to get from one concept to another.

DO write connection paths and challenge others to find them.

DO link Big Ideas, Enduring Understandings, and Essential Knowledge together within your puzzle.

DO have your AP Biology Big Ideas and Enduring Understandings Handy

DO record an answer sheet.

**Example Task:** Link from Peppered Moth→Feedback→Cellulose→Himalayan Rabbit

How many links did it take? \_\_\_\_\_\_\_\_\_\_***Keep track of your reasoning on a separate pg.***

**Task 1**: Link from Conserved Core Processes of Evolution →Josiah Willard Gibbs →Stomata → Global Warming

**Task 2:**Link from Henrietta Lacks →Enzymes →Sickle-Cell Disease →Evolution

**Task 3:**Create two pathways of your own linking enduring understandings **within** two of the four Big Ideas.

**Task 4:**Create *two* pathways of your own linking [enduring understandings](http://www.clearbiology.com/wp-content/uploads/2012/07/Essential-Knowledge-Student-Diagnostic.pdf) **between** two Big Ideas.

Now the competitions:

1) Fewest number of clicks to link between all four big ideas

2) Most [AP Bio Essential Knowledge](http://www.clearbiology.com/wp-content/uploads/2013/05/Essential_Knowledge_Study_Cards_BW_JC.pdf) in one pathway