|  |  |
| --- | --- |
| Image result for start here | ***SWBAT explain how plants respond to external stimuli to enhance survival in an environment.*** |
| **Step 1 -** Your job is to create a [**Pinterest page**](https://drive.google.com/file/d/1NRJqe4HMkmc2iwj0NMNQQ59EX1K6VUj2/view?usp=sharing) which shows what you know about how plants respond to stimuli.  Be sure to include the following information* Types of tropism - definitions and visuals of each (4 pins)
* Positive and negative tropism (2 pins)
* Dormancy (1 pin)
* Auxin - What is it and explain some real life applications (1 pin)
* MythBusters - Do plants respond to sound? If so, create a name for this type of tropism (1 pin)
 |
| **Step 2 – Watch these two video to see what** [**Pinterest is all about**](https://www.youtube.com/watch?v=oJzD4vF5dFA) **and** [**how Pinterest works**](https://www.youtube.com/watch?v=c3o61zP1J_k)**.** |
| **TROPISM** | **STEP 3 - RESOURCES** |
| [**Tropism Video #1**](https://youtu.be/pCFstSMvAMI) | [**Tropism Video #2**](https://youtu.be/pi3P3uJOsN4) | [**Tropism CK12 Flexbook**](https://www.ck12.org/biology/tropisms/lesson/Tropisms-MS-LS/) |
| [**Tropism Blog**](http://lifeofplant.blogspot.com/2011/01/tropisms.html) | [**Tropism PowerPoint Presentation**](https://drive.google.com/file/d/164TtO08DjzuZmFF5szuYfYTommhBn6jd/view?usp=sharing) | [**Tropism Website**](http://leavingbio.net/plant-responses/) |
| [**Dormancy Definition from Academic Kids Encyclopedia**](http://www.academickids.com/encyclopedia/index.php/Dormancy) | [**Dormancy Article**](https://www.thespruce.com/what-is-dormancy-1403075) | [**Auxin from BBC’s Bitesize Site**](http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/nervesandhormones/controlinplantsrev2.shtml) |
| Image result for mythbusters logo**Step 4 –** Watch the [**MythBusters episode**](https://www.youtube.com/watch?v=mZGDbA9HER4) and determine if plants respond to sound. If so, create a fitting name for this type of tropism.  |
| **Step 5** – Talk with your shoulder partner about the key points learned from the material and update your note guide, if necessary. |
| **Coaching Points** | Image result for tropism**C:\Users\mmcdowel\Downloads\tropism.PNG** |

**Quiz Preparations**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **QUIZ** | **Step 1** – Read over the selected study guide multiple times.  | **Step 2** – Using *Rally Tennis,* spend another 10 minutes summarizing key points about the unit. | **Step 3** – Play Quizizz in class and try to score 80% or better. Your teacher will provide you with the class code. | **Step 4** - Take your quiz and post your answers to Edmodo. Your teacher will provide you with directions for credit recovery if you score below an 80%. |