**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Class Notes Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |
| --- | --- | --- |
| **Main Ideas** | **Details** | **Your words** |
| ***Ecological Succession*** | | |
| **Ecosystems change over time** | **especially after**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **a series of**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **changes that occur in a community over time**  **the number of different species present typically**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Based on our discussions about the town of Oswego, how have we seen succession occur in this town and how will it continue?** |
| 1. ***Types of Succession*** | | |
| **1. \_\_\_\_\_\_\_\_\_\_\_\_\_ Succession** | | |
| * **Succession that begins in an area with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of an older community** * **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ beginning (such as \_\_\_\_\_\_\_\_\_\_\_\_\_) ‘** * **Eventually becomes soil** * **VERY \_\_\_\_\_\_\_\_\_\_\_\_ process** | | |
| **Stages of Primary Succession**   1. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**    * **The first species to colonize barren areas**    * **Make soil from rock**    * **Example: lichens (algae/plant)** 2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**    * **More species move in as soil is created by pioneer species** 3. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**    * **Stable “complete” ecosystem** | | |
| **2. \_\_\_\_\_\_\_\_\_\_\_\_\_ Succession** | | |
| * **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ following disturbance** * **Faster than primary succession** * **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   + **As a result, new and surviving vegetation can regrow rapidly, reach climax community faster** | | |