Evolution SMART LUNCH Review

1. Define evolution. What is the mechanism of evolution?
2. Define natural selection. What makes an organism “fit” in an environment?
3. Complete the chart:

|  |  |
| --- | --- |
| **Scientist** | **Contribution** |
| Lamark |  |
| Lyell |  |
| Darwin |  |
| Wallace |  |

1. Evidence of change over time. Complete the chart:

|  |  |  |
| --- | --- | --- |
| **Evidence** | **What does it demonstrate?** | **Ex.** |
| Physical Similarities |  |  |
| Biochemistry |  |  |
| Vestigial Structures |  |  |
| Fossil Record |  |  |

1. How does geographic isolation change populations over time?
2. How does the environment affect gene frequencies?