|  |  |
| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Climate and soils

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |
|  |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 3 |  | 4 |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |
|  | 7 |  |  |  |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 9 |  | 10 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 11 |  |  | 12 |  |  |  |  | 13 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 14 |  |  |  |  |  |  |  |  |  | 15 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 16 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 17 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 18 |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **2.** At the end of an experimental report you should have a list of the \_\_\_\_\_\_\_\_ used for research.  **4.** to change from a liquid or solid state into vapor  **6.** soil is made up of three components, sand, silt and ?  **10.** When doing experiments with soil, you should always wear?  **11.** What part of the experiment report contains a list of items you need to conduct the experiment?  **14.** What can be used to fertilise soil?  **15.** What helps to minimise evaporation of water from the soil?  **16.** Vegetables, fruits and other crops have an optimum soil \_\_\_\_\_\_ that they grow best in.  **17.** three major elements needed by all plants are Phosphorous, nitrogen and ?  **18.** the process by which water vapor in the atmosphere (= air surrounding the earth) cools and changes into liquid water. | **Down**  **1.** What happens to a seed that is viable, is in the right conditions with sun and moisture? It will?  **3.** Waht is the process of water movement through a plant and its evaporation from aerial parts, such as leaves, stems and flowers?  **5.** What part of the experimental report tells the reader what the scientist is trying to do in the experiment?  **7.** The current state of the atmosphere with respect to heat or cold, wetness or dryness, calm or storm, clearness or cloudiness.  **8.** The composite or generally prevailing weather conditions of a region, as temperature, air pressure, humidity, precipitation, sunshine, ...  **9.** soil structure can be determined by the soil field \_\_\_\_\_\_\_\_\_\_ test.  **12.** What part of the experiment report states what is predicted form the outcome of the experiment?  **13.** After discussion in the experiment report, there should be a ? |