|  |  |  |  |
| --- | --- | --- | --- |
| **Vocab Word** | **Definition in your own words** | **Picture that shows the meaning of the word** | **Examples** |
| 1. Clean Energy |  |  |  |
| 2. Alternative Energy |  |  |  |
| 3. Fossil Fuels |  |  |  |
| 4. Efficiency (or efficient) |  |  |  |
| 5. Advantages |  |  |  |
| 6. Disadvantages |  |  |  |
| 7. Engineer |  |  |  |

Directions: Answer the questions below to the best of your ability. Next to each question, please write:   
 + if you think your answer is 100% correct  
✓if you think your answer is probably correct  
? if you don’t think your answer is correct

**Part 1: Vocabulary chart**

**Part 2: Short Answer**8. What do engineers do?  
  
They use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

9. How are engineering and science different?  
  
Engineering uses\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ but science \_\_\_\_\_\_\_\_\_\_\_\_\_\_.   
  
10. How are engineering and science the same?  
  
They both use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

11. In what ways do engineers impact or affect society?  
  
They help us by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

12. How would an engineer know if a product or design is successful?

They would \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to see if it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.13) What are 5 different examples of clean energy?  
  
  
14) What are the advantages and disadvantages of using clean energy? (Give 2 of each)

|  |  |
| --- | --- |
| Advantages: | Disadvantages: |
| (1)  (2) | (1)  (2) |

15) How will using clean energy impact or affect our daily lives? Make a claim and give evidence.  
Claim: It will help us\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_every day   
  
Evidence: because\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  
  
 You are finished! Next to every question please make sure that you have written a   
 + if you think your answer is 100% correct  
 ✓if you think your answer is probably correct  
 ? if you don’t think your answer is correct