**Biotechnology Web Quest**

1. Define biotechnology (Dictionary):
2. Define biotechnology in your OWN WORDS:
3. What are chromosomes?
4. Complete the following chart by telling how many PAIRS of chromosomes each has:

|  |  |
| --- | --- |
| **Species/Organism** | **PAIRS of Chromosomes** |
| Humans | 46 Chromosomes = 23 pairs |
| Mule |  |
| Horse |  |
| Asparagus |  |
| Carrot |  |
| Pick Your Own: |  |
| Pick Your Own: |  |
| Pick Your Own: |  |
| Pick Your Own: |  |
| Pick Your Own: |  |
| Pick Your Own: |  |

1. What is the purpose of chromosomes? What do they do?
2. Create your OWN DNA strand. Pair up the bases, tell what genes are on your DNA strand and what species the DNA strand belongs to. BE CREATIVE!