

Name: _____

Date: _____



GENIUSCHALLENGE

BIOTECHNOLOGY

1. _____ study the processes that make cells work.
2. Specific areas of DNA that code for certain traits are called _____.
3. When humans choose the traits of an organisms, it is called _____.
4. People with diabetes use _____ made from a bacterium to help control their blood sugar.
5. _____ is short for deoxyribonucleic acid, the genetic material found in the cells of all organisms.
6. _____ is a process that can be useful in helping cure disease by giving you a healthy copy of a gene.
7. Some rice has been genetically altered to include _____ which kids need to stay healthy.
8. Explain how artificial selection could lead to a new plant or animal?

9. Explain how biotechnology has used the idea of 'cut and paste' when it comes to biotechnology.

10. Draw a model to explain how one organism might evolve into many different organisms through artificial selection.