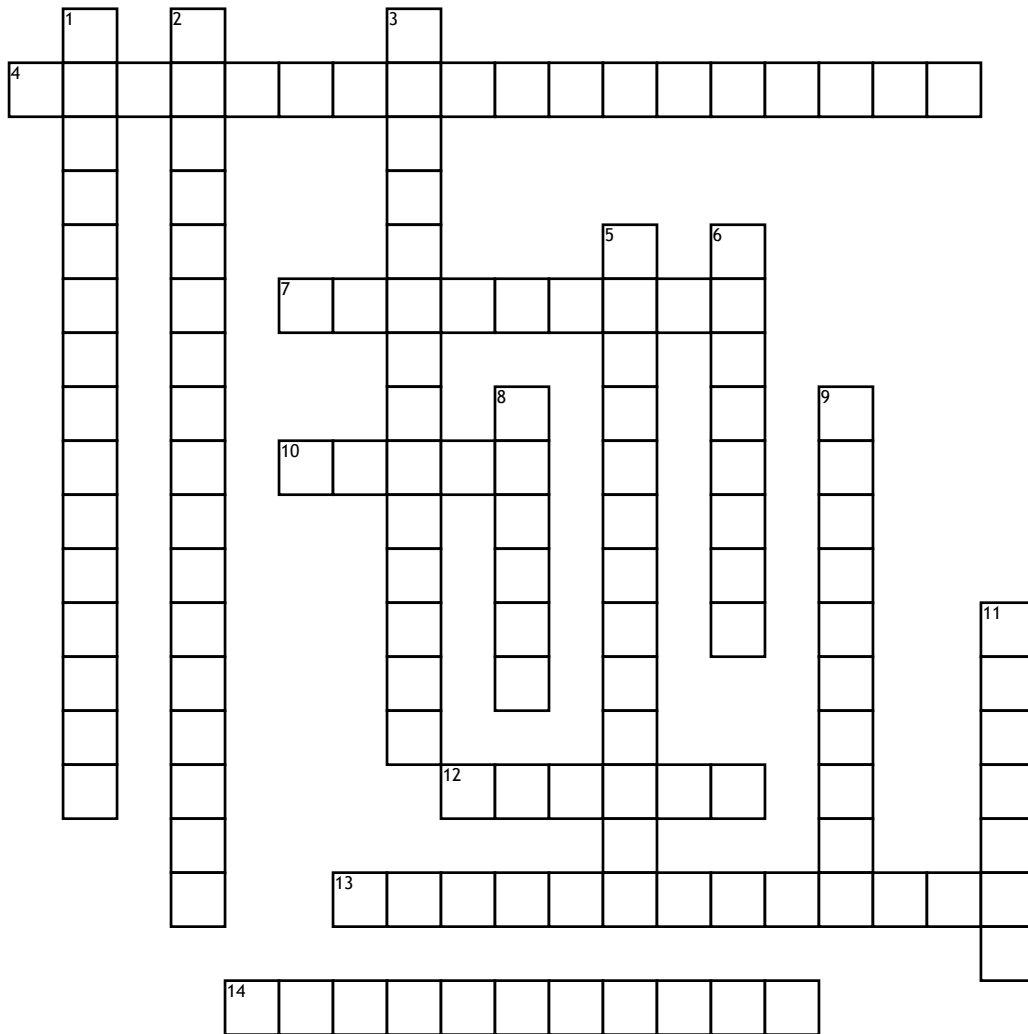


Science



Across

- 4. The transfer of a gene from the DNA of one organism into another organism
- 7. A picture of all the human chromosomes in a cell group together and passed away in order of decreased in size
- 10. An organism that is generally identical to the organism from which it was produced
- 12. The study of principles about what is right and wrong, fair and unfair
- 13. A gene that is carried on a sex chromosome

- 14. The process of changing a gene to treat a medical disease or disorder

Down

- 1. An abnormal condition that a person inherits through genes or chromosomes
- 2. method of reading that allows only those organisms with desired traits to produce the new generation
- 3. A pair of chromosomes carrying genes that determine whether a person is male or female
- 5. A selective breeding method that involves crossing different individuals to bring together the best traits from both parents

- 6. A chart that shows the presence or absence of a dry” into the relationship with AI family across several generations

- 8. A complete set of genetic information that an organism carries in its DNA
- 9. A selective breeding method in which two individuals with similar sets of alleles are crossed
- 11. A person who has one recessive allele and one dominant allele for a trait

Word Bank

- | | | | |
|-----------------|---------------------|-----------------|--------------------|
| Sex chromosomes | Genetic disorder | Gene therapy | Carrier |
| karyotype | Inbreeding | Clone | Genome |
| Hybridization | Genetic engineering | Sex-linked gene | Selective breeding |
| Pedigree | Ethics | | |