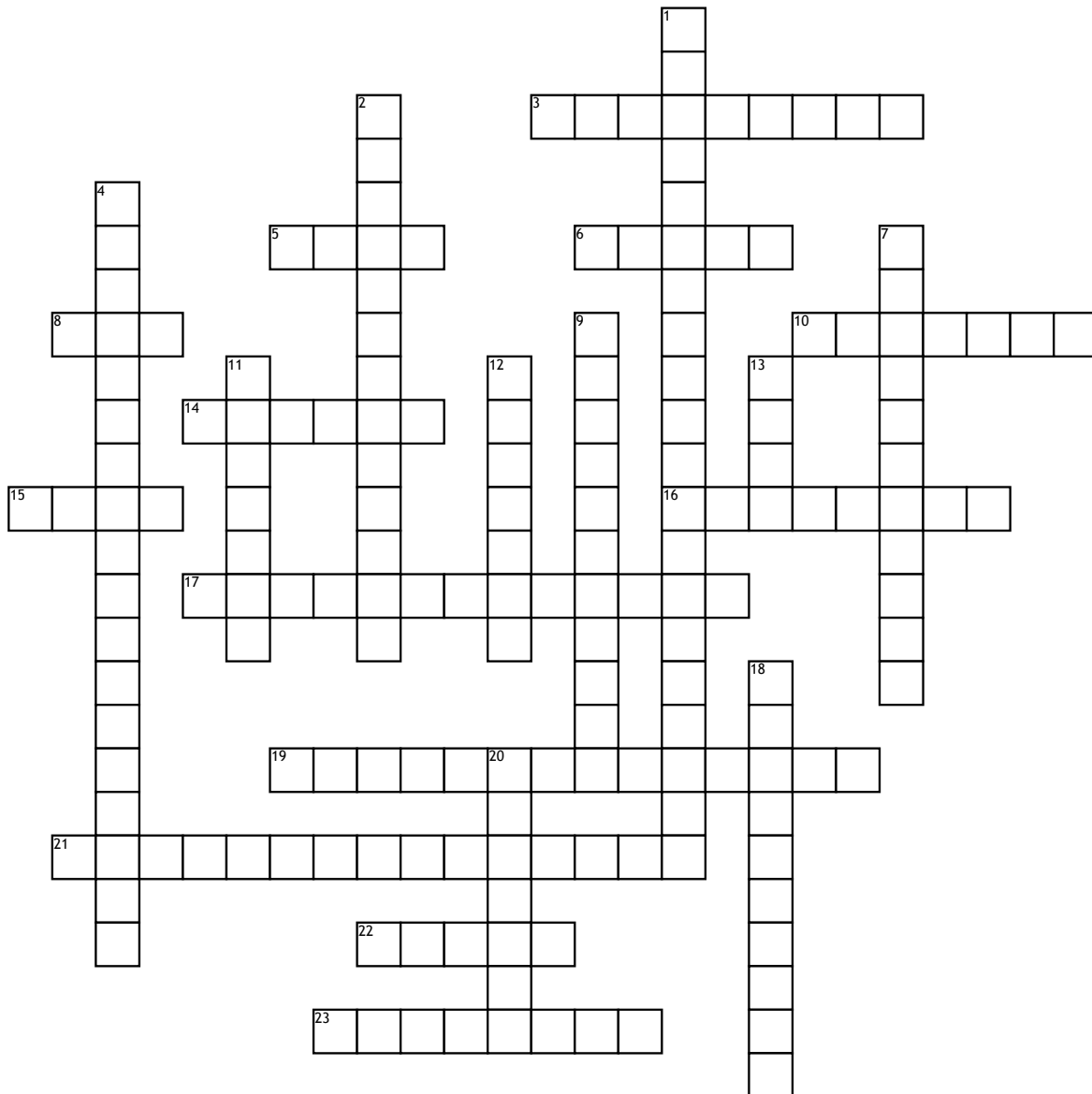


DNA and RNA



Across

- 3. The liquid inside the cell that the mRNA travels through to find a ribosome
- 5. The RNA that complements the mRNA as it enters the ribosome.
- 6. RNA enters the ribosome _____ at a time
- 8. Twisted ladder, spiral staircase, phone cord, double helix...
- 10. Cytosine bonds with...
- 14. In RNA adenine bonds with...
- 15. The genetic code that leaves the nucleus to search out a ribosome.
- 16. Scientist that created rules to follow in order for a DNA molecule to form.
- 17. These components to a DNA molecule are found in the middle of the molecule.

- 19. Scientists that built first 3d model of DNA
- 21. A single stranded nucleic acid that contains uracil
- 22. Sugars and phosphates are located on the _____ of a DNA molecule.
- 23. Organelle that helps make proteins.

Down

- 1. The genetic recipe used to make living organisms look the way they do.
- 2. The process that turns DNA into RNA.
- 4. The scientists that used an Xray technique to describe the double helix shape of a DNA molecule.
- 7. The process where mRNA finds it's compliment tRNA to form amino acids

- 9. The process where RNA looks for the complimentary tRNA in the ribosome to make an amino acid.
- 11. When all the amino acids are bonded together this is formed.
- 12. In DNA adenine will bond with....
- 13. This type of RNA bonds the amino acid codons together to form proteins.
- 18. Codons that form after tRNA compliments are formed
- 20. Where genetic information is stored or where transcription takes place.