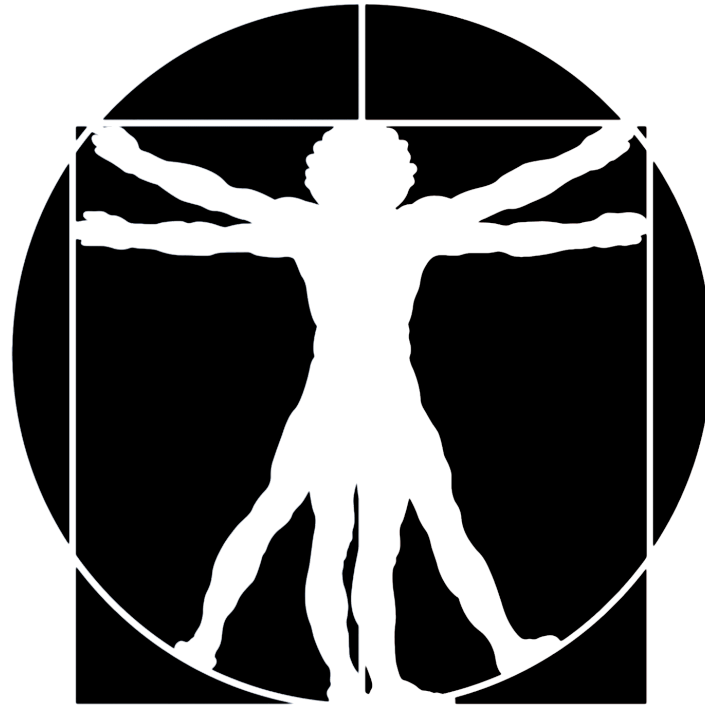


# Unit 2: Amino Acid Structure



Miss School, Miss Out!

# Amino Acid Structure

Your amino acid is assigned based on your seat number from the list below:

- |               |                   |
|---------------|-------------------|
| 1. Glycine    | 11. Aspartic Acid |
| 2. Alanine    | 12. Tyrosine      |
| 3. Valine     | 13. Asparagine    |
| 4. Leucine    | 14. Glutamine     |
| 5. Isoleucine | 15. Lysine        |
| 6. Tryptophan | 16. Arginine      |
| 7. Methionine | 17. Histidine     |
| 8. Cysteine   | 18. Phenylalanine |
| 9. Serine     | 19. Glutamic Acid |
| 10. Threonine | 20. Proline       |

# Amino Acid Structure

For Your Amino Acid:

1. State its full name, molecular formula, and structural formula.
2. Circle the amino group in blue, the carboxyl group in red, and the R (variable) group in green.
3. State its three letter abbreviation.
4. Determine if it is an essential amino acid. If it is, state a dietary source that contains the amino acid. If it's not essential, describe how the amino acid is manufactured in the body.
5. State 2 interesting facts about this amino acid.

# Amino Acid Structure

Make a new "Google Slide" show with the above information.

Name your slide show as follows: period LASTNAME

For example: 1 Truax

Share the slide show.