

## Lipids and Fats

- Most lipids have \_\_\_\_\_ acid tails
- A phospholipid has a \_\_\_\_\_ phosphate head and two fatty acid tails
- Lipids with tail chains with single bonds are known as saturated fats because \_\_\_\_\_ more hydrogens can attach
- Lipids with one double bond are known as \_\_\_\_\_
- Lipids with \_\_\_\_\_ than one double bond are known as polyunsaturated

## 3. Proteins

- Transport \_\_\_\_\_
- Speed reactions
- Provide \_\_\_\_\_ support
- Construct \_\_\_\_\_
- Amino acids build

## Proteins

- Amino acids are always constructed of an \_\_\_\_\_ group, a carboxyl group, and an -R group which give them their identities
- Proteins are three dimensional and are combinations of \_\_\_\_\_ helices and beta pleated sheets
- Can form up to 4 levels of arrangement (\_\_\_\_\_, secondary, tertiary, quaternary)

## Amino Acid

## 4. Nucleic Acids

- Store and communicate \_\_\_\_\_ information
- DNA
- \_\_\_\_\_
- Composed of nucleotides

## Nucleotide

- Phosphate
- \_\_\_\_\_
- Nitrogen containing base

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