



# the DNA Code

In your cells, 3-letter DNA "words" code for specific amino acids that are used to build **proteins**. Proteins make your body work.

In the code below, each 3-letter DNA "word" codes for a letter of the alphabet. Use the DNA code provided here to decipher the message below:

GAC      ACG AAA TGT ACC      GCC CAT TTT CCT

CAT ACT      GGG ACC CAC ACC CCT ,      AAC TCC TTT

TTT ACG ACC TTG CAG ACC      CAC CAT TTT

AAC GCC TCC ACC      GAA TTG

GGG ACC CAC ACC CCT      CCC CAT ACA ACC

ACT CAT CAG      GAA ACC ,      AAA CAC ACA

TTG CAT TCC CAG CCT      CCC CAT ACA ACC

ACT CAT CAG      TTG CAT TCC .

## the DNA Code

|         |
|---------|
| AAA = A |
| AAC = B |
| CCC = C |
| ACA = D |
| ACC = E |
| ACT = F |
| GGG = G |
| ACG = H |
| GAC = I |
| GAT = J |
| GTA = K |
| GCC = L |
| GAA = M |
| CAC = N |
| CAT = O |
| CGG = P |
| CTA = Q |
| CAG = R |
| CCT = S |
| TTT = T |
| TCC = U |
| TGT = V |
| TGC = W |
| TAT = X |
| TTG = Y |
| TTA = Z |