



# 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