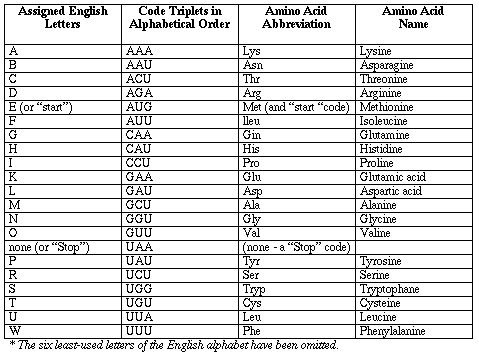
**Genetic Code**

**RNA Codes for Twenty Amino Acids**  


* Using the mRNA triplet code units and the assigned English letter equivalents, translate the following message into amino acids.

ACUGUUAGAGUUGGUUGG

* Using the mRNA triplet code units and the assigned English letter equivalents, translate the following message into English Letters

AUG GCUUCU. GUU - “AAUCCUGUU UCUGUUACUGAAUGG” UAA

* Now, using the mRNA triplet code units, write your own code message and send it to another student to decode in both amino acids and English letters. You in turn need to translate a message from one of your classmates. The message should be written on a separate piece of paper and should be stapled and turned in with this activity. The statement must be at least 36 base pairs long.

Classmates Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_