Results:

Gradient Boosting Machine :

Learning Rate – 1

n\_estimators – 100

max\_depth – 3

score\_threshold = 40

**Math:**

Cross Validation Mean – .712

Cross Validation Error - .039

Train score - .726

Test score - .726

**English:**

Cross Validation Mean - .85

Cross Validation Error - .020

Train score - .877

Test score - .877

**Biology:**

Cross Validation Mean – .715

Cross Validation Error – .045

Train score – .717

Test score – .717