

Supplementary Table 3: Cronbach Alpha - Noyce Enthusiasm for Science

PRE-SURVEY: *NoyceEnthusiasm*

Student Cod Survey	Q1	Q2	Q3	Q4	Q5	TOTAL	#Questions	5	
109AR	1	2	2	3	3	2	12	Sum of item variances	2.9916
021X0	1	4	2	4	2	3	15	Variance of total scores	8.9156
116JP	1	3	2	3	2	2	12	Cronbach alpha	0.8306
3131LI	1	3	2	3	2	3	13		
3013SA	1	2	2	2	1	2	9		
104AA	1	1	1	1	2	1	6		
214MA	1	2	2	2	3	2	11		
5323OT	1	2	2	2	2	2	10		
1127EP	1	2	2	2	2	2	10		
0227AA	1	2	1	2	2	1	8		
2027LP	1	1	2	2	2	1	8		
1023JE	1	2	2	1	1	2	8		
1110GE	1	1	1	1	2	1	6		
0220XA	1	2	5	2	2	2	13		
109SH	1	2	1	2	1	2	8		
2127AN	1	1	1	1	1	1	5		
107KI	1	4	3	3	2	3	15		
017XA	1	1	2	2	3	1	9		
1022AA	1	2	2	1	1	2	8		
121GA	1	2	2	2	2	1	9		
1214SO	1	2	1	1	1	2	7		
1225DA	1	2	2	1	1	2	8		
1113OR	1	2	2	2	1	1	8		
1029AA	1	2	1	1	1	1	6		
0125MU	1	1	1	1	1	1	5		
3127RA	1	2	2	2	3	2	11		
11PCM	1	2	2	2	1	2	9		
529AP	1	1	2	2	1	2	8		
5212LE	1	1	1	1	1	1	5		
1218WO	1	1	1	1	1	1	5		
129GN	1	2	2	2	1	2	9		
026AB	1	1	1	1	1	1	5		
0226NA	1	2	1	2	2	1	8		
1026S1	1	1	2	1	2	1	7		
2225EA	1	2	1	2	2	2	9		
025MU	1	4	2	2	3	3	14		
116XO	1	2	1	2	2	2	9		
01712KL	1	1	1	2	2	2	8		
0123MA	1	2	2	3	2	2	11		
1028PU	1	2	2	2	2	2	10		
206EO	1	1	1	1	2	1	6		
0121KO	1	3	3	3	2	3	14		
0116XI	1	4	4	4	2	4	18		

0125CD	1	2	2	2	1	2	9
211JE	1	1	2	3	1	3	10

Varian 0.73 0.6 0.6 0.4 0.55

POST-SURVEY: *NoyceEnthusiasm*

Student Cod Survey	Q1	Q2	Q3	Q4	Q5	TOTAL	#Questions	5	
109AR	2	2	2	2	1	1	8	Sum of item variences	3.3758
021X0	2	3	2	3	2	3	13	Varience of total scores	9.9822
116JP	2	3	2	2	2	2	11	Cronbach alpha	0.8273
3131LI	2	2	2	2	2	3	11		
3013SA	2	2	2	2	1	2	9		
104AA	2	1	1	1	1	1	5		
214MA	2	1	1	1	2	1	6		
5323OT	2	2	2	2	2	2	10		
1127EP	2	2	2	2	2	2	10		
0227AA	2	1	1	2	1	1	6		
2027LP	2	2	2	2	1	2	9		
1023JE	2	1	1	1	1	1	5		
1110GE	2	1	1	1	1	1	5		
0220XA	2	5	5	2	2	5	19		
109SH	2	2	2	3	1	2	10		
2127AN	2	1	1	1	1	1	5		
107KI	2	2	1	2	1	2	8		
017XA	2	1	1	1	1	1	5		
1022AA	2	1	1	1	1	1	5		
121GA	2	2	1	2	2	2	9		
1214SO	2	2	1	1	1	1	6		
1225DA	2	1	2	1	1	2	7		
1113OR	2	4	2	2	2	1	11		
1029AA	2	1	1	1	1	1	5		
0125MU	2	1	1	1	1	1	5		
3127RA	2	2	1	2	3	2	10		
11PCM	2	3	2	1	1	2	9		
529AP	2	2	1	2	1	2	8		
5212LE	2	1	1	1	1	1	5		
1218WO	2	1	1	1	3	5	11		
129GN	2	2	2	2	1	2	9		
026AB	2	1	1	1	1	1	5		
0226NA	2	2	1	3	1	2	9		
1026S1	2	1	2	1	1	2	7		
2225EA	2	2	1	1	4	2	10		
025MU	2	3	2	3	3	2	13		
116XO	2	1	1	1	1	1	5		

01712KL	2	1	1	2	2	1	7
0123MA	2	2	2	2	2	2	10
1028PU	2	2	2	2	2	2	10
206EO	2	1	1	1	1	1	5
0121KO	2	3	2	3	2	3	13
0116XI	2	4	2	3	2	3	14
0125CD	2	2	1	1	1	2	7
211JE	2	3	3	3	2	3	14

Variation 0.9 0.6 0.5 0.5 0.89