

Appendix E

Value Added National Project Correlations and Regression Equations

Average GCSE Score Correlation (Average,AVKS3) = 0.86	Average GCSE Score = 1.14 * AVKS3 - 1.2
Total GCSE Score Correlation (Total,AVKS3) = 0.82	Total GCSE Score = 12.63 * AVKS3 - 12.2
Art and Design Correlation (Grade,AVKS3) = 0.58	Grade = 0.86 * AVKS3 + 0.3
Biology Correlation (Grade,AVKS3) = 0.61	Grade = 0.97 * AVKS3 - 0.1
Business Studies Correlation (Grade,AVKS3) = 0.71	Grade = 1.30 * AVKS3 - 2.3
Chemistry Correlation (Grade,AVKS3) = 0.62	Grade = 1.02 * AVKS3 - 0.4
Classical Subjects Correlation (Grade,AVKS3) = 0.58	Grade = 1.10 * AVKS3 - 1.0
Combined Design & Technology Correlation (Grade,AVKS3) = 0.68	Grade = 1.04 * AVKS3 - 1.0
Combined Information Technology Correlation (Grade,AVKS3) = 0.57	Grade = 0.94 * AVKS3 - 0.2
Computer Studies Correlation (Grade,AVKS3) = 0.69	Grade = 1.14 * AVKS3 - 1.5
Craft, Design & Technology Correlation (Grade,AVKS3) = 0.62	Grade = 0.94 * AVKS3 - 0.4
Design & Technology Correlation (Grade,AVKS3) = 0.68	Grade = 1.05 * AVKS3 - 0.5
Economics Correlation (Grade,AVKS3) = 0.65	Grade = 1.02 * AVKS3 - 0.7
English Correlation (Grade,AVKS3) = 0.77	Grade = 1.07 * AVKS3 - 0.6
English Literature Correlation (Grade,AVKS3) = 0.71	Grade = 1.00 * AVKS3 - 0.2
French Correlation (Grade,AVKS3) = 0.72	Grade = 1.26 * AVKS3 - 2.1
Geography Correlation (Grade,AVKS3) = 0.77	Grade = 1.33 * AVKS3 - 2.3
German Correlation (Grade,AVKS3) = 0.70	Grade = 1.22 * AVKS3 - 1.9

History Correlation (Grade,AVKS3) = 0.74	Grade = 1.28 * AVKS3-2.0
Home Economics Correlation (Grade,AVKS3) = 0.68	Grade = 1.07 * AVKS3-0.7
Mathematics Correlation (Grade,AVKS3) = 0.84	Grade = 1.39 * AVKS3-2.7
Music Correlation (Grade,AVKS3) = 0.62	Grade = 0.99 * AVKS3-0.3
PE / Dance Correlation (Grade,AVKS3) = 0.61	Grade = 1.02 * AVKS3-0.5
Physics Correlation (Grade,AVKS3) = 0.64	Grade = 1.14 * AVKS3-1.2
Religious Studies Correlation (Grade,AVKS3) = 0.69	Grade = 1.24 * AVKS3-1.9
Science Double Award Correlation (Grade,AVKS3) = 0.80	Grade = 1.22 * AVKS3-1.5
Science Single Award Correlation (Grade,AVKS3) = 0.72	Grade = 0.92 * AVKS3-0.4
Social Science Correlation (Grade,AVKS3) = 0.65	Grade = 1.07 * AVKS3-0.8
Spanish Correlation (Grade,AVKS3) = 0.68	Grade = 1.29 * AVKS3-2.3