

Example 2: Infant mortality

Subject: Mathematics: applications and interpretation

Paper component: Internal assessment, standard level (SL) and higher level (HL)

Assessment

Criterion	A	B	C	D	E (SL)	E (HL)	Total (SL)	Total (HL)
Achievement level awarded	4	3	1	3	5	3	16	14
Maximum possible achievement level	4	4	3	3	6	6	20	20

Comments

Criterion	Comments
A Presentation	The exploration is well organized. It reads well and meets its aim. It includes an introduction, describes the aim and has a conclusion. It is a concise piece of work.
B Mathematical communication	Notation and terminology are mainly correct but key terms are not always defined. The notation and terminology are relevant and consistent throughout the exploration.
C Personal engagement	There is evidence of limited personal engagement in the introduction.
D Reflection	There is evidence of critical reflection. The candidate has conducted research to explain the outliers and has commented thoroughly on the results of the processes and discusses improvements.
E Use of mathematics SL	The correlation coefficient, regression line and Spearman's ranking system are commensurate with the level of the course. The mathematics used is mostly correct and good knowledge and understanding are demonstrated.
E Use of mathematics HL	The correlation coefficient, regression line and Spearman's ranking system are commensurate with the level of the course. The mathematics used is mostly correct and good knowledge and understanding are demonstrated.
General comments	