

## The Polar Area Diagrams of Florence Nightingale - Assessment

Criterion	A	B	C	D	E (SL)	E (HL)	Total (SL)	Total (HL)
Achievement level awarded	4	3	4	3	6	3	20	17
Maximum possible achievement level	4	3	4	3	6	6	20	20

### Comments

#### Criterion A: Communication

A4—The exploration is concise and easy to follow. A couple of typing errors does not detract from the flow.

#### Criterion B: Mathematical presentation

B3—Multiple forms are well used.

#### Criterion C: Personal engagement

C4—The work is highly original, and the student used historical idea to create her own similar situation. She is clearly engaged in the work.

#### Criterion D: Reflection

D3—There is critical reflection, where the student tries to resolve contradictions discovered.

#### SL Criterion E: Use of mathematics

E6—Areas of sectors using radians and descriptive statistics are commensurate with the mathematics SL course, and are done well enough at achieve level 6.

#### HL Criterion E: Use of mathematics

E3—While areas of sector using radians and descriptive statistics are commensurate with the mathematics HL course, the mathematics is not sophisticated enough for a level 4, even though is it rigorous.