

## Example 8: Spirals in Nature

### General guidance

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### Assessed student work

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## Assessment

Criterion	A	B	C	D	E (SL)	E (HL)	Total (SL)	Total (HL)
Achievement level awarded	3	3	3	2	5	4	16	15
Maximum possible achievement level	4	3	4	3	6	6	20	20



[Student work \(PDF\)](#)



[Annotated student work \(PDF\)](#)



[Comments](#)

## Comments

### Criterion A: Communication

A3—Too much detail in the tables detracts from conciseness and hinders easy reading. Appendices should have been used for some of this information.

### Criterion B: Mathematical presentation

B3—This is appropriate throughout.

### Criterion C: Personal engagement

C3—There is some evidence of this, for example, applying unfamiliar maths, creating his own example, but not the abundant evidence needed for level 4.

### Criterion D: Reflection

D2—There is meaningful, but not critical, reflection.

### SL Criterion E: Use of mathematics

E5—The mathematics used is beyond the syllabus, and good understanding is demonstrated.

### HL Criterion E: Use of mathematics

E4—The work is sophisticated enough for a level 4.



