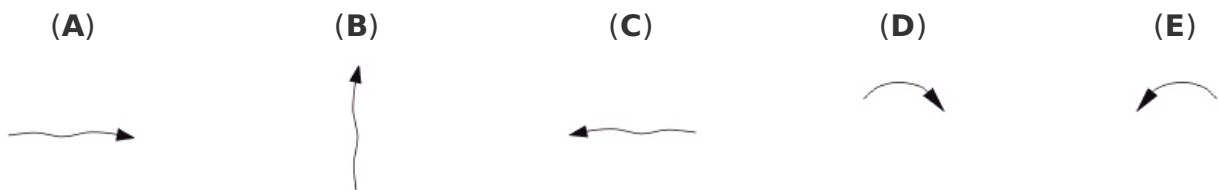


Finding stars

This task is about identifying things on a map of the night sky.

How to do this task

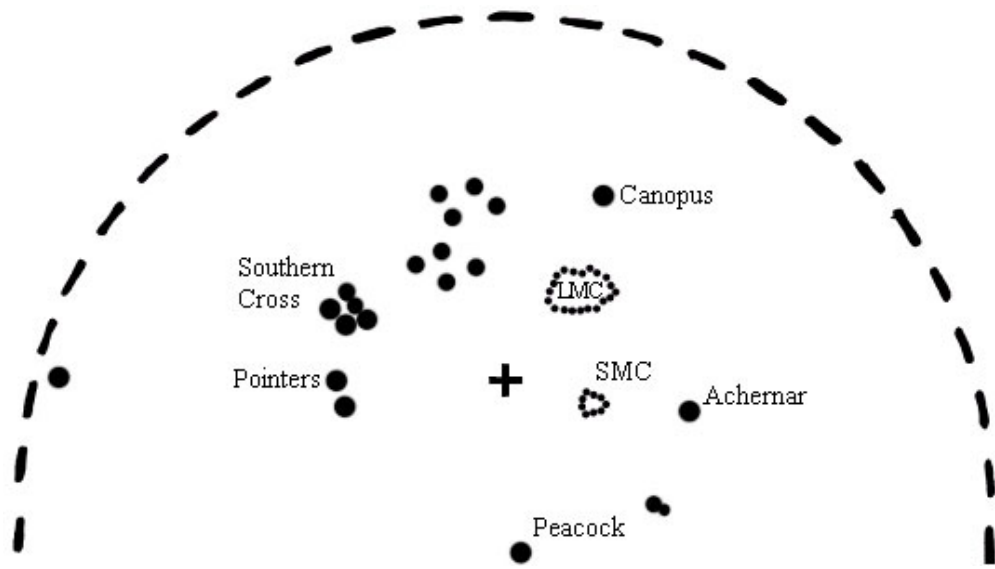
- Take **Star Map A** outside to the middle of the playing field.
 - Imagine it is 10:00 p.m. at night in February.
- a) Hold **Star Map A** in front of you, and with your arm, point out to another student a place in the sky where you would see:
- the Southern Cross
 - the Pointers
 - Canopus
 - Achernar
- b) i) On Star Map A write the number **1** where you think the Southern Cross will be 2 hours later at midnight.
ii) Now write the number **2** where you think the Southern Cross will be at 2:00 a.m.
iii) Now write the number **3** on your map where you think the Southern Cross will be at 4:00 a.m.
- c) Which of these lines would you use to join your numbers in question b)?



- d) Use the line you chose in c) above, to join the numbers on Star Map A.

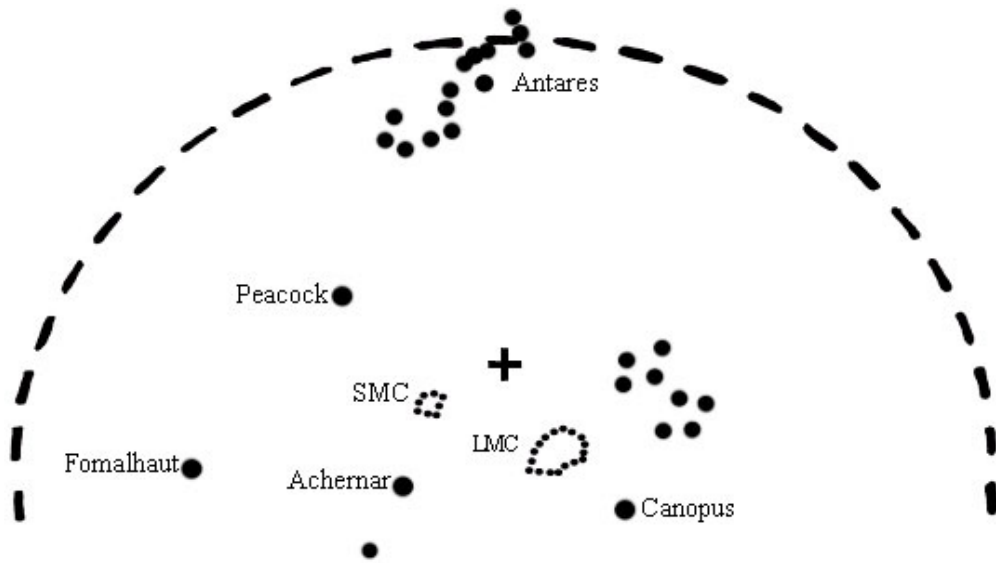
Star map A - SOUTH

New Zealand star map - south view for mid February at approximately 10:00 p.m.



- e) Below is another star map for a month later in the year, but the Southern Cross and the Pointers have been left out.
Draw an **X** on this star map to show the area where these would be.

Star Map B - SOUTH
(a month later)



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