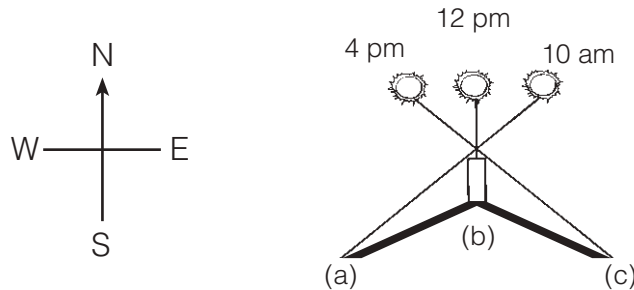


# Light and Shadows

## + Shadows Throughout The Day

Shadows change throughout the day as a result of the apparent movement of the sun going across the sky.



The direction of the shadow of the pole depends on the direction of the source of light.

- (a) The sun rises in the east. Therefore, in the morning, the shadow of the pole will be formed in the west. The shadow that is cast is also long.
- (b) At 12 noon, the sun is directly above the earth. The shadow of the pole can hardly be seen.
- (c) In the afternoon, the sun moves towards the western part of the sky. The shadow of the pole will be formed in the east. Its shadow is also very long.

Adapted:

Science Partner Lower Block 5/6

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