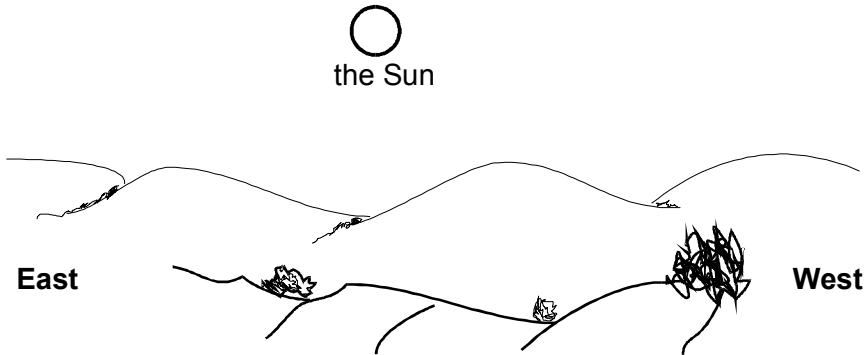


Level 4 questions

1. The Sun appears to move across the sky each day.

The drawing shows the position of the Sun at mid-day on the 21st March.



- (a) (i) Draw the path which the Sun appears to take **from sunrise to sunset** on the 21st March. Label the path 'March'. 1 mark
  - (ii) Put an arrow on the line you have drawn to show the direction in which the Sun appears to move across the sky. 1 mark
  - (b) Draw another line to show the path which the Sun appears to take **from sunrise to sunset** in December. Label the path 'December'. 2 marks
- Maximum 4 marks

2. David lives in Britain. He sees that the Sun seems to move across the sky.

(a) Where does the Sun rise in the morning?  
Tick the correct box.

in the north	<input type="checkbox"/>	in the south	<input type="checkbox"/>
in the west	<input type="checkbox"/>	in the east	<input type="checkbox"/>

1 mark

(b) (i) At what time of day is the Sun highest in the sky?

.....

1 mark

(ii) In which direction will David see the Sun when it is highest in the sky?  
Tick the correct box.

towards the north	<input type="checkbox"/>	towards the south	<input type="checkbox"/>
towards the west	<input type="checkbox"/>	towards the east	<input type="checkbox"/>

1 mark

- (c) Where does the Sun set in the evening?  
Tick the correct box.

in the north	<input type="checkbox"/>	in the south	<input type="checkbox"/>
in the west	<input type="checkbox"/>	in the east	<input type="checkbox"/>

1 mark

- (d) Explain why the Sun seems to move across the sky.

.....  
.....

1 mark

- (e) Light from the Sun takes about 8 minutes to get to the Earth.

How long does light from other stars take to get to the Earth?  
Tick the correct box.

more than 8 minutes	<input type="checkbox"/>
8 minutes	<input type="checkbox"/>
less than 8 minutes	<input type="checkbox"/>
zero minutes	<input type="checkbox"/>

1 mark

Maximum 6 marks