

* Why Danger signals are usually represented by Red Colour?

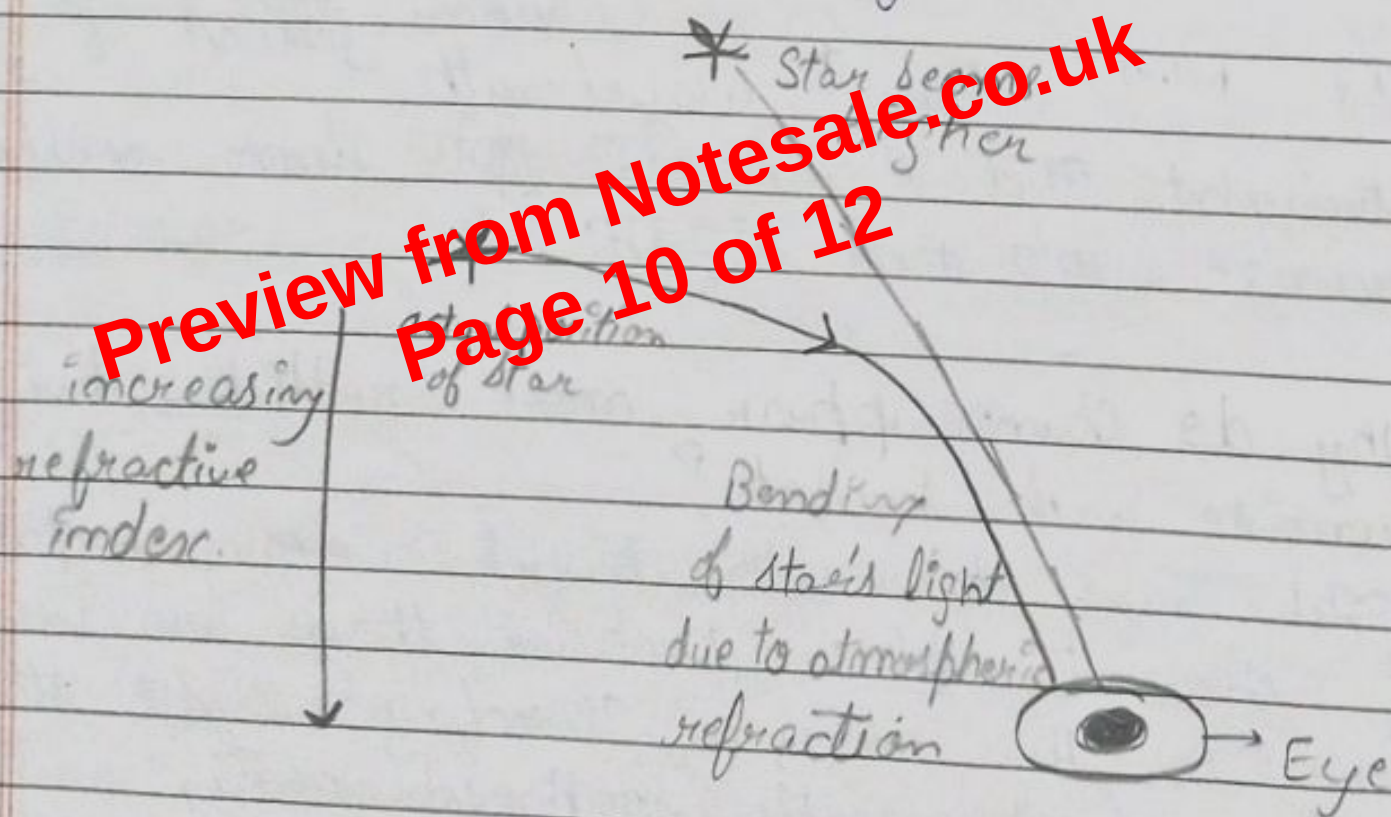
→ Because Red colour did not scatter due to high wavelength and can be seen clearly from far place.

* Why yellow colour to school bus?

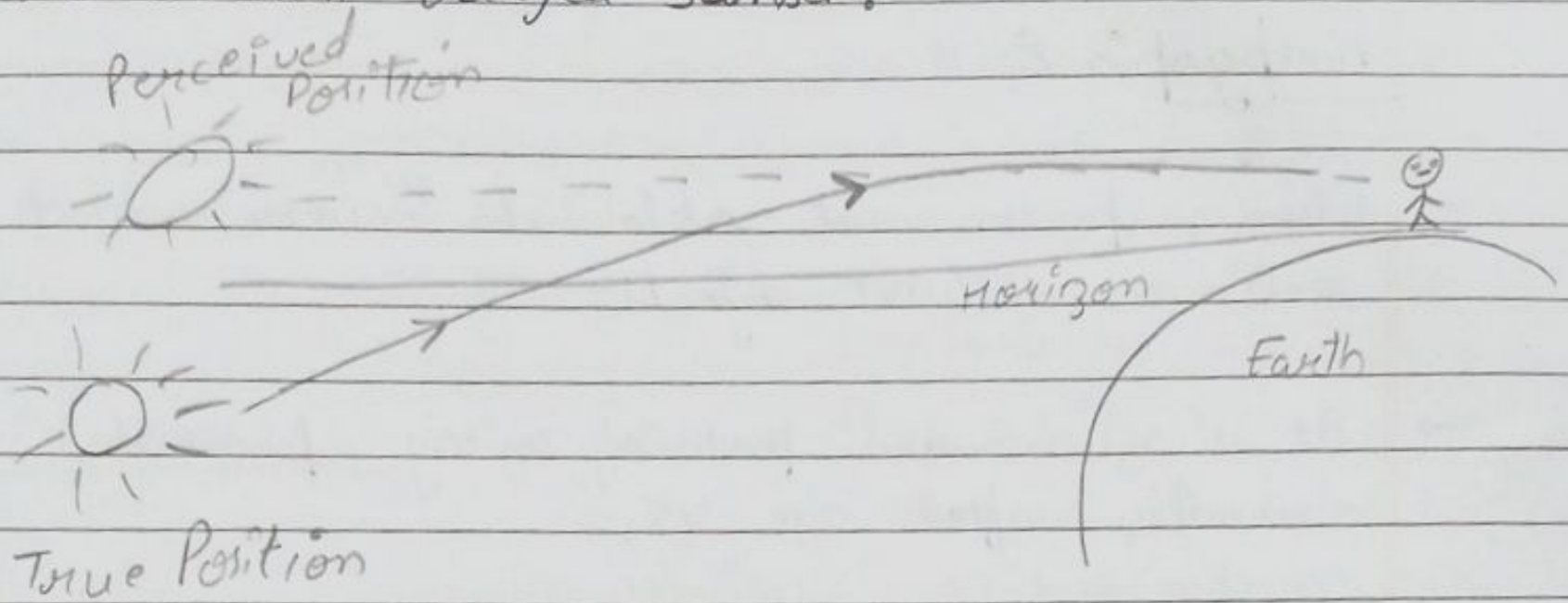
→ Our eyes are most sensitive ^(Normal) to yellow colours and are least sensitive to violet and red color. Due to this reason---

* Why do celestial body appear slightly raised from their position?

→ Due to atmospheric refraction :-



* What is reason behind 2 min. early sunrise and 2 min. delayed sunset?



Ans- It is because of atmospheric refraction. When the sun is slightly below the horizon, the light coming from it travels from less dense to more dense air and is refracted downwards.

* Why do stars twinkle but planets do not? (असति)

Ans- Stars twinkle because of turbulence in the atmosphere of the Earth. As the Atmosphere (Shake) churns, the light from the star is refracted (Mix) in different directions. Planets do not twinkle because they are not very far away from us like stars.

