

Why is the ocean blue?

The ocean appears blue to us because of the light from the sun.

We often think that the sun's light just allows us to see, but without light, colors wouldn't even exist!

What we see as white light from the sun is actually a combination of all the colors of the rainbow. Try and imagine red, orange, yellow, green, blue, indigo and violet rays of light streaming from the sun. Objects either absorb or reflect these rays.



QUESTION & ANSWER:

What colors make up the light from the sun?

It is a combination of all the colors of the rainbow like red, orange, yellow, green, blue, indigo and violet.

What color/s does the ocean reflect?

The ocean reflects the color blue.

What color/s does the ocean absorb?

The ocean absorbs all the colors of the spectrum except the color blue.

When the sun's light hits the ocean, the red, orange, yellow, green, indigo and violet rays are absorbed so that we can't see them! Only the blue light is reflected. The ocean itself isn't really blue; we're just seeing the reflected blue light.

