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How does light work? Making a water prism

Lab Sheet

When the light enters the water, how is it changing?

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Does the light entering the water have a rainbow inside of it? Circle one

Yes No

Hint - Light slows down in water, when it slows down it bends, this is called refraction. The bending of the light releases the color within the light, because the different colors in the rainbow have different wavelengths. Wavelengths look like this

Draw a diagram to show what happened when you made a water prism.