

Name \_\_\_\_\_

## What Colour is White Light? - Student Worksheet

What colour are the classroom lights? \_\_\_\_\_  
Check your answer with three classmates to make sure.

Do you all agree? \_\_\_\_\_

Your teacher will hand you some special glasses which will break up the classroom light into its parts. Put the glasses on and look at the light again.

What colours can you see now? \_\_\_\_\_

White light is made up of a mixture of all of these colours,  
When white light travels through raindrops it is split up into its  
colours and is called a

Light energy from our Sun has many more types of energy but  
humans can only see the colour of the visibly spectrum.

Most humans draw the Sun as yellow. It is actually white when  
viewed from space.

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Hold the mirrored side of an old CD directly under a light.  
Draw what you see on the picture below.



The ridges on the mirrored surface of the CD split the white light into all the colours of the visible spectrum.

R \_\_\_\_\_ O \_\_\_\_\_ Y \_\_\_\_\_

G \_\_\_\_\_ B \_\_\_\_\_ I \_\_\_\_\_

V \_\_\_\_\_