

Mr. Goodman Asks Students to Articulate the Rule of Light (1.32 minutes)

Mr. Goodman: What is the rule of laser lights bouncing off of a mirror, D?

Student D: It leaves from the same angle it came on.

Mr. Goodman: It leaves from the same angle that it arrived. Hmm. Angle of distance equals angle of reflection. Now what does that mean D?

(student answers inaudibly)

Mr. Goodman: Come on up and I want you to tell me. You know what's interesting though, you know that term, but now we're trying to apply it to the real world and it's a little more difficult isn't it? So come on up and let's look at this one, show me how this one is going to work. Show me how the light's going to move. Where's the light bouncing from? Where did we say the light was bouncing from? The light's coming off of the combinations, so show me how it gets to her eye. So go ahead and do it. Okay, draw a heavy solid line so we can see it. So how's it gonna get to her?

(students answers)

Mr. Goodman: Show me what angles are the same right there. Now which two are the same; you drew all three the same. Ah, good. That was well done!

http://youtu.be/T_U98MgE_kQ