CS Bytes 011: Modeling with NetLogo

Abstract	
Students can create a model of photons moving through a lens (from one medium to another).	
Standard	
<u>CS</u>: **6-8.DA.9** Test and analyze the effects of changing variables while using computational models.	
<u>Science</u>: **MS-PS4-2**: Develop and use a model to describe that waves are reflected, absorbed, or transmitted through various materials.	
Gradespan/Grade	
6-8	
Interdisciplinary Value	
This computer model can help make light (which moves very fast) more understandable by slowing down the behavior.	
Materials	
- https://www.netlogoweb.org/ - https://sjcoefablab.org/ - computer	
Video	
https://youtu.be/oAjgbfUD8Q8?si=ZE0CcPYwRUoXHV9q	