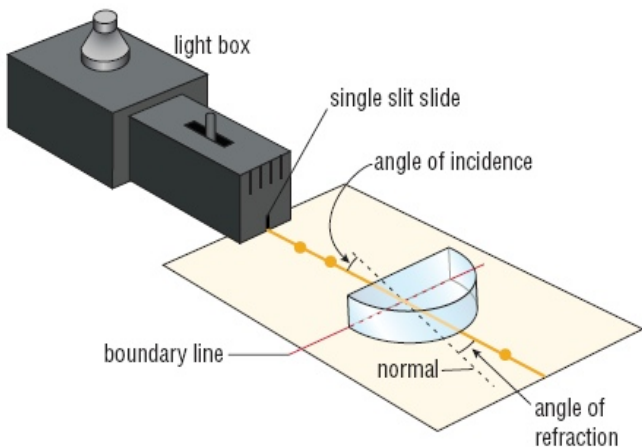


Measuring Refraction Experiment



Aim: to discover the law of refraction

Method: Watch the how to measure refraction clip

Assemble the apparatus as shown in the picture on the right

Watch the youtube clip before setting up the experiment.

Make the starting angle of incidence 10° . Mark the path of the light ray carefully. Measure the angle of refraction.

Record your results in the table below

Results:

Angle of incidence	Angle of refraction	Amount of bending
0°	0°	0°
10°		
20°		
30°		
40°		
50°		
60°		
70°		
80°		

Plot a graph of independent variable on the x-axis and dependent variable on the y-axis.

Describe what you observed and explain the law of refraction.