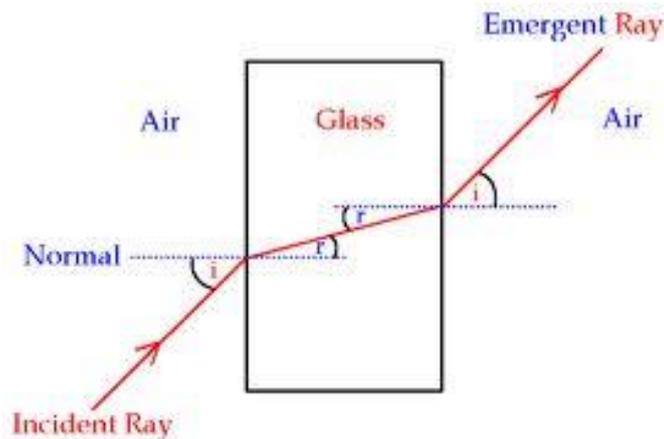


8K Light



Your task is to create a **poster/collage** about LIGHT.

It will have 4 sections that you will complete over the next few weeks. Below is a plan of what is expected of you each week. Your teacher will help you with ideas each week, but you **must** hand the finished poster/collage in on the correct date.

Week to be completed in:	Instructions	I have completed it
Week 1	Give your work an eye-catching title. You could think of a word that describes light for each letter. L = luminous etc...	
Week 2	Using a thunderstorm as your example, explain how you can prove the speed of light is faster than the speed of sound. Research this well before you try to answer. Use pictures, diagrams fully annotated.	
Week 3	Use what we have learnt so far and a little bit of research to explain how light is used at the checkout/till in a supermarket. (Clue: have a look on the labels/packages of products bought- what can you see?)	
Week 4:	I can see a rainbow!!!! Use the terms refraction, dispersion and reflection to explain how a rainbow forms. Also answering the question 'Is there an end to a rainbow?	
Week 5	What is Newton's disc? Research and make the disc to prove the theory. Explain what happens and why. Include the disc in your finished work.	

Final hand in date: