



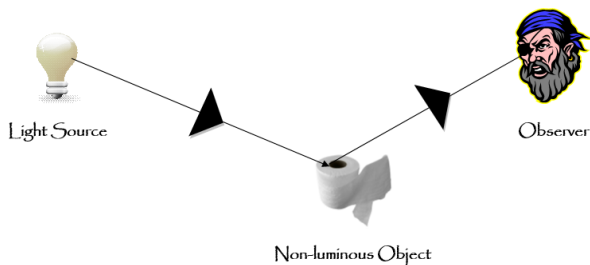
## HOME LEARNING

Subject: Science

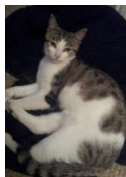
Time: 50 minutes

Learning Objective: Describe how light travels

Light travels in straight lines. We only see objects that are not light sources because light REFLECTS off of them into our eyes. We can show the path of light by draw straight lines.



1. What do the words luminous and non-luminous mean?
2. How would Mrs Dalton see her cat? Draw 2 straight lines to show the path of light, you can use any picture to represent the cat and Mrs Dalton



3. Draw straight lines to show the path of light for these objects

### Light ray diagrams



|



2.



4. What is the law of reflection?
5. Use the law of reflection to fill in this table

Angle of Incidence (i)	Angle of Reflection (r)
10	
	15
20	
25	
	30

**Save your work:**

**If you are using a computer, open a blank document to do your work. Don't forget to SAVE it with your name, the lesson you are doing and the date.**

**If you would like us to see or mark your work please email it or send a photo of your completed work to:**

**[rdalton@glebe.bromley.sch.uk](mailto:rdalton@glebe.bromley.sch.uk)**

**Thank you**