

Choose **ONE** of the following:

1. Conduct research on the beliefs of Pythagorus, Galileo and Michelson concerning light. For Michelson, include information on his experiment that measured the speed of light.
Must include a print out of the information you got from the internet with your assignment.

CHOICE:

- (i) 500 word essay which are NOT COPIED NOR PASTED directly from INTERNET SOURCES. PICTURES of the men must be included.
- (ii) Cartoon dipiction of each of the scientists work relating to light. Must be accurate and using information you gathered in your research.
MINIMUM 8 panels for EACH of the people. Use attached sheets.

2. Create a **poster OR foldable book** which describes the **SIX properties of light.**

For EACH PROPERTY, it MUST included:

- (i) Pictures
- (ii) Description
- (iii) Colour
- (iv) At LEAST TWO examples for EACH PROPERTY

3. Create a Cartoon with charactrrs : WAVELENGTH", "FREQUENCY", and "ENERGY".

They live in "ELECTROMAGNETIC LAND"

Show how their powers can vary in different parts of the land.

- (i) Must show a map of Electromagnetic LAND" i.e with towns of "RADIOLAND", "GAMMALAND" and others.
- (ii) Your characters have powers like "SEEPD of LIGHT", "GAMMA RAYS" and others, depending on where they are from.

Attention to detail and creativity will be graded.





