

| | |
|--|----------------|
| Student's name: | Class/Section: |
| Subject: Physics | NGSS: HS.PS4 |
| Lesson Title: | Date: |
| Objective: Identify Electromagnetic waves | |



Q1: what are electromagnetic waves? And define the term "Light".



Q2: Explain: how can we see objects?

Q3: how can we see different colored objects?

Q4: Arrange the following colors according to their wavelengths from the longest to the shortest wavelength. (Move the labels to their correct position).

Shorter λ Longer λ

Green

Blue

Red

Violet

Yellow

| | | | |
|---|---|---|---|
| — | — | — | — |
|---|---|---|---|

_____ λ _____ λ

| Comment | Strength | Improvement | Response |
|---------|----------|-------------|----------|
| | | Next time, | |

Value: Charity in schools fosters empathy and social responsibility among students, promoting a sense of community and altruism. Inside classrooms, incorporating charity initiatives cultivates a culture of giving, teaching students the importance of compassion and making a positive impact on the world around them.