Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_\_\_\_\_\_\_\_\_

Assignment Sheet 7th Grade Light Energy

\_\_\_\_\_\_\_\_ Virtual Lab: Refraction through translucent/transparent

Materials http://k12.http.internapcdn.net/k12\_vitalstream\_com/CURRICULUM/329467/CURRENT\_RELEASE/K12\_VL\_Energy\_Absorption\_Reflection\_20100730.html

\_\_\_\_\_\_\_\_\_Study Jam Video: Light and Light, Reflection, Refraction…etc. (summary in your notebook)

\_\_\_\_\_\_\_\_\_ Lab 1: Light, You see it and now you don’t, page 9)

\_\_\_\_\_\_\_\_\_\_(Lab 2: Reflection Note: requires flashlights, aluminum foil, and mirror)

\_\_\_\_\_\_\_\_\_\_(Lab 3: Refraction Note: requires washer, cup, flashlights, and straws)

\_\_\_\_\_\_\_\_\_\_Notes: Light (PowerPoint)

\_\_\_\_\_\_\_\_\_\_It’s in the Cards (in notebook) Use the table below. **Light, Refraction, reflection, transmitted, and absorbed**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term | Definition  | Your definition  | Picture | AnalogyThe \_\_\_\_would be a \_\_\_\_\_\_because Ex. **The DNA would be the queen because it contains instructions for making proteins and enzymes** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |