

# O.D.M Connect app:

Hw

## 16/11/21 Home assignment

\* Define light.

As light is a form of energy that affects our eyes to produce the sensation of vision.

\* Differentiate natural sources of light and artificial sources of light.

As Natural sources of light | Artificial source of light

\* The sources of light ~~naturally~~ formed naturally are called natural sources of light.

\* Ex → Sun, stars, etc.

\* The source of light made by human is called artificial source of light.

\* Ex → Torch, bulb, etc.

\* Differentiate luminous and non-luminous bodies.



## Q3 Luminous

\* Objects that can emit light energy by themselves are known as luminous objects.

\* These objects can cause the sensation of light.

\* Luminous objects ~~visible~~ are visible as they emit their own light.

\* The Sun and candle are ~~the two~~ two examples of luminous objects.

## Non-luminous

\* Objects that cannot emit light energy by themselves are known as Nonluminous objects.

\* These objects ~~cannot~~ <sup>do</sup> cause the sensation of light.

\* Non-luminous ~~obj~~ objects are visible because of luminous objects.

\* The moon and planets are two examples of Non-luminous objects.



(\*) Define a ray of light.

As A light wave propagating from one point to another along a straight line path, passing through each point on the line joining the two points, is termed as a ray of light. A ray is a path of a light wave represented by a line with an arrow. The arrow indicates the

~~Define a beam of light.~~ direction of ~~in~~ in which light is travelling.

(\*) Define a beam of light.

As Bundle of rays of light are called beam of light. They are represented as parallel rays of light travelling ~~in~~ ~~in~~

in the same direction.