

Tak Sun Secondary School
Form 3 Integrated Science – Language exercise (1)

Class: _____ Class No.: _____ Student Name: _____

Unit 2 Light, colors and beyond

1. **Fold the page and write the English words in column 1 without looking.**
2. Check if you are right. Fold the page again do the next column.
3. Repeat Step 2 until you can write all the words easily with no mistakes.

Light ray					光線
Light beam					光束
Luminous object					發光的物件
Non-luminous object					不發光的物件
Reflection					反射
Incident ray					入射光線
Reflected ray					反射光線
Angle of reflection					反射角
Angle of incidence					入射角
Normal					法線
Plane mirror					平面鏡

Virtual image					虛擬影像
Laterally inverted					橫向倒置
Parallel light beam					平行的光束
Divergent light beam					擴散的光束
Convergent light beam					聚焦的光束
Regular reflection					平面反射
Diffuse reflection					擴散反射
Shadow					影子
Vacuum					真空

Fill in the blanks.

1. Some objects give out light on their own. They are called _____ objects. The _____ is the largest object that we can see and gives out light on its own.
2. A _____ object does not give out light on its own. It can be seen because it _____ light from a luminous object into our eyes.
3. For a plane mirror, the angle of incidence refers to the angle between the _____ ray and the _____.
4. Complete the following descriptions about the laws of reflection.
 - (a) The incident ray, the _____ and the _____ ray all lie in the same plane.
 - (b) The angle of _____ is equal to the angle of _____.
5. Complete the following descriptions about the image formed by a plane mirror.
 - (a) The image is _____.
 - (b) The distance between the object and the mirror is _____
(greater than/equal to/smaller than) the distance between the image and the mirror.
 - (c) The image is _____ inverted.

For more language support, there are some audio files on our school homepage:

www.tsss.edu.hk (Curriculum → Academic formation → Language Across Curriculum)