Benchmark Sample Test Questions

1. Which represents the correct order of visible light?

A. blue, yellow, red, violet, green, orange, indigo
B. red, green, violet, yellow, orange, blue, indigo
C. green, blue, indigo, violet, red, orange, yellow
*D. red, orange, yellow, green, blue, indigo, violet

Released Item Booklet – ACTAAP Benchmark Examination -Grade 5 April 2007 Administration

2. What is the word for the bending of light rays as they pass through one substance into another?

A. polarization
B. deposition
C. reflection
*D. refraction

Released Item Booklet – ACTAAP Benchmark Examination -Grade 5 April 2007 Administration

3. Light traveling through a pair of eyeglasses is --

A. refracted
B. transmitted
C. absorbed
D. reflected

Released Item Booklet - Texas 2003 - 5th Grade

4. A student places a sheet of black construction paper on her desk. What happens to most of the light that strikes the black construction paper?

A. The light is bent by the paper.
B. The light reflects off the paper.
C. The light is absorbed by the paper.
D. The light passes through the paper.

Massachusetts Comp Assess System 5th Grade released items 2007

5. **The picture below shows a duck swimming in a lake. A student sees a mirror image of a duck in the water of the lake. What causes this mirror image?**

A. black light
B. refracted light
C. reflected light *
D. absorbed light

Massachusetts Comp Assess System 5th Grade released items 2005

6. **What happens to the path of a light ray as it passes from air into water at an angle?**
A. Its path widens.
B. Its path bends. *
C. Its path becomes shorter.
D. Its path continues in a straight line.

Massachusetts Comp Assess System 5th Grade released items 2005

7. **When a light bulb is turned on, energy changes from one form to another. Which of the following best describes this change?**

A. sound energy to light energy
B. nuclear energy to light energy
C. electrical energy to light energy *
D. magnetic energy to light energy

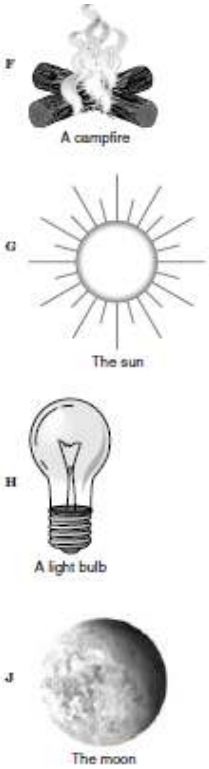
Massachusetts Comp Assess System 5th Grade released items 2005

8. The flower's stem appears larger under water because the water —

F absorbs light
G produces light
H repels light
J refracts light

VIRGINIA STANDARDS OF LEARNING Spring 2007 Released Test Grade 5

9. Which of these does *not* emit light waves?



VIRGINIA STANDARDS OF LEARNING Spring 2006 Released Test Grade 5