

GRACE CHRISTIAN SCHOOL INC,  
SCIENCE EXAMINATION

HEAT & LIGHT ENERGY

Choose the correct answer.

1. A material that does not allow light to pass through.  
a. transparent                      b. translucent                      c. opaque
2. A material that allows much light to pass through.  
a. transparent                      b. translucent                      c. opaque
3. A material that allows a small light to pass through.  
a. transparent                      b. translucent                      c. opaque
4. Light travels in a straight line called \_\_\_\_.  
a. shine                                  b. rays
5. A natural source of heat and light.  
a. sun                                      b. moon
6. When light is absorbed, it transform into \_\_\_\_.  
a. heat                                      b. shadow
7. Light that bounces off material.  
a. shadow                                  b. reflected                                  c. refracted
8. A transparent object specially shaped to control light is a \_\_\_\_.  
a. glass                                      b. prism                                      c. shape
9. Measuring how fast particles of matter move means measuring its \_\_\_\_.  
a. hotness                                  b. coldness                                  c. temperature
10. When light rays pass on two different objects along the same direction, it can be \_\_\_\_.  
a. shadow                                  b. reflected                                  c. refracted

## SOUND ENERGY

Choose the correct answer.

1. produced by slow vibration

- a. high pitch                      b. low pitch

2. produced by fast vibration

- a. high pitch                      b. low pitch

3. people's ability to produced sound

- a. sign language                  b. talking                          c. hearing

4. people who cannot hear use this form of communication

- a. sign language                  b. talking                          c. hearing

5. a reflected sound

- a. waves                              b. echo                              c. rays

6. Energy produced by a vibrating object.

- a. heat                                b. light                              c. sound

7. How sound travels?

- a. vibration                        b. echo                              c. wave

8. using an echo to find something

- a. vibration                        b. echolocation                  c. wave

9. the highness and lowness of sound

- a. volume                          b. pitch

10. the loudness and softness of sound

- a. volume                          b. pitch