Cotuz

Name: Date:

Sound and Light

Grade 1 · Ages 6-7 · Science · Physical Science · ★★

Circle the correct answer for each question about sound and light. For a thing on its own, write transparent if light passes through it so you can see clearly, or opaque if it blocks the light.

1. Where could you see your reflection?

(A) in a brick wall
(B) in a wooden door
(C) in a book
(D) in a mirror

2. What does opaque mean?

(A) light cannot pass through it
(B) it is very loud
(C) it is very small
(D) light passes straight through it

3. Tissue paper lets a little light through but you cannot see shapes clearly through it. What is it?

(A) opaque
(B) transparent
(C) translucent
(D) loud

4. Why is there no sound in empty space?

(A) it is too far away
(B) there is no air to carry it
(C) it is too cold
(D) it is too dark

5. What happens to the sound when a drum is hit harder?

(A) the sound is softer
(B) there is no sound
(C) the drum gets lighter
(D) the sound is louder

6. Which thing lets the most light through?

(A) a wooden door
(B) tissue paper
(C) a clear glass window
(D) a brick wall

7. Why does a bell make a sound when you hit it?

(A) the metal glows
(B) the metal vibrates
(C) the metal melts
(D) the metal gets wet

8. Why can we not see in a dark cave?

(A) there is no light
(B) there is no sound
(C) the walls are hard
(D) it is too big

9. a clear glass door

_____

10. Which of these gives light?

(A) a rock
(B) a candle flame
(C) a spoon
(D) a shadow

11. a tree trunk

_____

12. Where does the light we see on the Moon come from?

(A) the Moon itself
(B) the clouds
(C) the stars
(D) the Sun

13. What does a guitar string do to make a sound?

(A) it glows
(B) it melts
(C) it stays still
(D) it vibrates

14. a rock

_____

15. Which of these can you see through?

(A) a book
(B) a metal pan
(C) clear plastic wrap
(D) a rock

16. clean water in a glass

_____

17. How is a whisper different from a shout?

(A) it has a bigger vibration
(B) it has no vibration
(C) it makes more light
(D) it has a smaller vibration

18. a clear plastic lid

_____

19. a clay pot

_____

20. What is a see-through material called?

(A) transparent
(B) opaque
(C) translucent
(D) heavy

Cotuz

ANSWER KEY

Sound and Light

Grade 1 · Ages 6-7 · Science · Physical Science · ★★

1. Where could you see your reflection?
Answer: (D) in a mirror

2. What does opaque mean?
Answer: (A) light cannot pass through it

3. Tissue paper lets a little light through but you cannot see shapes clearly through it. What is it?
Answer: (C) translucent

4. Why is there no sound in empty space?
Answer: (B) there is no air to carry it

5. What happens to the sound when a drum is hit harder?
Answer: (D) the sound is louder

6. Which thing lets the most light through?
Answer: (C) a clear glass window

7. Why does a bell make a sound when you hit it?
Answer: (B) the metal vibrates

8. Why can we not see in a dark cave?
Answer: (A) there is no light

9. a clear glass door **transparent**

10. Which of these gives light?
Answer: (B) a candle flame

11. a tree trunk **opaque**

12. Where does the light we see on the Moon come from?
Answer: (D) the Sun

13. What does a guitar string do to make a sound?
Answer: (D) it vibrates

14. a rock **opaque**

15. Which of these can you see through?
Answer: (C) clear plastic wrap

16. clean water in a glass **transparent**

17. How is a whisper different from a shout?
Answer: (D) it has a smaller vibration

18. a clear plastic lid **transparent**

19. a clay pot **opaque**

20. What is a see-through material called?
Answer: (A) transparent