

SCIENCE GRADE 5

1. Sound is energy in the form of vibrations passing through matter.

- A. true
- B. false

2. A vibration is a _____ back-and-forth movement.

- A. fast
- B. short
- C. long
- D. quick
- E. none of above

3. A disturbance that moves sound energy through matter is called a

- A. frequency
- B. wavelength
- C. sound wave
- D. vibration
- E. none of above

4. The number of waves that pass a point in a certain amount of time is the _____ of a wave.

- A. frequency
- B. wavelength
- C. sound wave
- D. vibration
- E. none of above

5. The distance between a point on one wave and a similar point on the next wave is called the

- A. frequency
- B. wavelength
- C. sound wave
- D. vibration
- E. none of above

6. Sound is a disturbance that travels through a medium as a

- A. frequency
- B. volume
- C. wave
- D. pitch
- E. none of above

7. Can sound waves travel in a vacuum?

- A. yes
- B. no

8. Sound travels quickest through which medium?

- A. solid
- B. liquid
- C. gas

9. Sound waves travel to our ears and make what vibrate

- A. brain
- B. earlobe
- C. ear drum

10. Is there noise under water?

- A. yes
- B. no

11. Without constant light energy from the sun, the Earth would be a dead planet.

- A. true
- B. false

12. White light is made up of how many colours?

- A. 1
- B. 3
- C. 4
- D. 6

13. Light changes speed when it passes into a new medium. When this happens, the light bends. This bending is called refraction.

- A. true
- B. false

14. Objects cannot heat up if they absorb a lot of light.

- A. true
- B. false

15. Light rays travels in _____ lines, as long as nothing is in their way.

- A. crooked
- B. bent
- C. straight

16. The Newton Disc is

- A. square
- B. round
- C. triangular

17. The Newton Disc is divided into different

- A. shapes
- B. colors
- C. none of the above

18. The colors of the Newton Disc are red, orange, yellow, green, blue, and violet.

- A. true
- B. false

19. The Newton Disc experiment involves rotating the disc.

- A. true
- B. false

20. When the Newton Disc is rotated very fast

- A. we can see all the colors
- B. we perceive the disk as white
- C. we get dizzy