

MINISTRY OF EDUCATION
SECONDARY ENGAGEMENT PROGRAMME
GRADE 8
INTEGRATED SCIENCE

Week 10

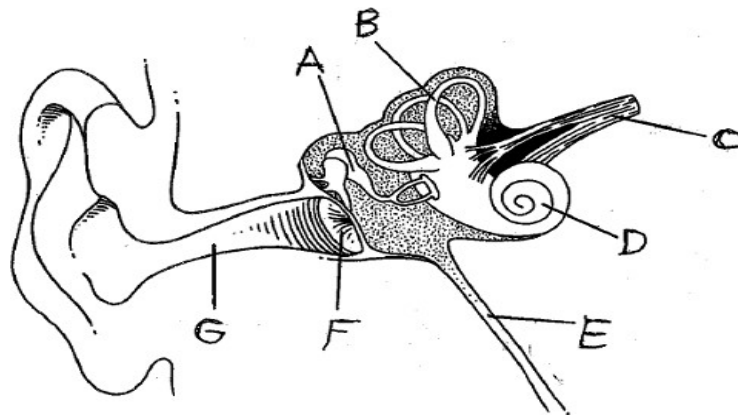
Lesson - Worksheet

Answer All Questions

1. The ear does the following jobs:
 - A. collect sounds
 - B. process sounds
 - C. send sound signals to the brain
 - D. all of the above
2. What separates the outer ear from the middle ear?
 - A. Eardrum
 - B. Ear wall
 - C. Pinna
 - D. Cochlea
3. In which part of the ear, the three tiny bones are found?
 - A. Inner ear
 - B. Eardrum
 - C. Middle ear
 - D. Outer ear
4. The vestibular apparatus is made up of
 - A. semi-circular canal, saccule, and utricle
 - B. hammer, anvil, and stirrup
 - C. Outer ear, inner ear, and middle ear
 - D. Outer ear, semi-circular canal, and inner ear
5. Which part of the ear is known as the organ of balance
 - A. Eardrum
 - B. Vestibular apparatus
 - C. Eardrum
 - D. Middle ear

6. Which tiny bone is attached to the eardrum?
 - A. Anvil
 - B. Stirrup
 - C. Hammer
 - D. Stapes
7. Which part of the ear takes sound waves and turns them into vibrations?
 - A. Ear canal
 - B. Eardrum
 - C. Inner ear
 - D. Middle ear

Questions 8 & 9 refer to the diagram below



8. The function of the part of the ear labeled E is to
 - A. equalize the pressure between the outer ear and inner ear
 - B. send sound waves to the brain
 - C. help in maintaining balance
 - D. determine the direction of the sound
9. The part labeled G is called the
 - A. eardrum
 - B. ear canal
 - C. outer ear
 - D. pinna

10. James lost his pinna in a car accident. Which of the following will James will have difficulty in doing?
- (i) collecting sounds and channeling it down the ear
 - (ii) determining the direction of the sound
 - (iii) protecting the internal parts of his ear
 - (iv) providing a waxy substance to protect and lube the ear
- A. (i) and (iv) only
 - B. (i) and (ii) only
 - C. (i), (ii) and (iii) only
 - D. (i), (ii),(iii) and (iv)

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Lesson: Worksheet - Answers

1. D
2. B
3. A
4. A
5. B
6. C
7. D
8. A
9. B
10. C