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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Anatomy & Physiology of the Ear, Nose, & Throat

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|  |  |  |  |  | 6  T | Y | M | P | A | N | I | C |  | M |  |  |  |  | 7  S | P | E | E | C | H |  |  |  |  |  |
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|  |  | 18  E |  | L |  |  | A |  | 19  E |  |  |  |  | O |  | R |  |  | G |  |  | I |  |  |  |  | N |  |  |
|  | 20  M | A | L | L | E | U | S |  | U |  |  | 21  V | E | S | T | I | B | U | L | E |  | 22  C | O | C | H | L | E | A |  |
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|  |  |  |  |  |  |  | A |  | A |  | N |  |  | T |  | 28  P | H | A | R | Y | N | X |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | G |  | N |  | O |  |  | A |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 29  E | L | E | C | T | R | I | C | A | L |  | U |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across**  **4.** Opening into the nasal passsage passsade  **6.** The membrane protected by the external ear  **7.** The throat helps informing  **9.** Commonly know as the voice box  **15.** Medical term external ear  **17.** Four-paired air-filled cavities near the nasal passages  **20.** One of ossicles  **21.** Receptors for balance are found in this portion of the inner ear  **22.** Snail-shaped portion of the boney labyrinth  **23.** The ear is divided functionally and anatomically into  **26.** Protect aganist infection in early childhood  **28.** The throat consists of the larynx and  **29.** Sound waves are converted into impulses in the inner ear  **30.** Seperates the middle ear from the external ear | **Down**  **1.** The medical name for the nose is the external  **2.** Medical term for earwax  **3.** The pharynx connects the nose and mouth to the larynx and  **5.** Tonsils and adenoids are made up of this type of tissue  **8.** Sinus located around the area of the cheeks  **10.** The cochlea contains the nerves for  **11.** Flap tissue that prevents food and irritants from entering the lungs  **12.** Small moveable bones in the middle ear  **13.** The region of the ear that functions in the vestibular system  **14.** Lined with mucous membranes and cilla  **16.** The organ of smell and breathing  **18.** The organ of balance/equilibruim and detection of sound  **19.** Connects the middle ear to the throat/nasopharynx  **24.** Sinus located deep in the face behind the nose that does not develop until adolescence  **25.** Sinus located in the area of the forehead that does not develop until 7 yearsof age  **27.** Divides the nasal passages into right and left sides |