

Let's Hear It for Ears

Grade Level	6
Subject	Science, Technology
Curriculum Objective	<p>Science 6.03 Analyze sound as an example that vibrating materials generate waves that transfer energy. (Form and function of the human ear.)</p> <p>Technology 3.10 Select and use WP/DTP features to design, format, and publish assignments/products.</p>
Guiding Question	What are the parts and functions of the human ear?
Lesson Summary	Students will use a web resource to take a virtual tour of the human ear.
Activating Strategy	<p>Lab Zone Discover Activity Where Is the Sound Coming From?</p> <ol style="list-style-type: none"> 1. The teacher will instruct and guide the class through this activity at the beginning of Section 4 – Chapter 18.
Cognitive Strategy	<p>Independent Reading and Web Resource Tour Tell students the purpose of what they are about to read.</p> <ol style="list-style-type: none"> 1. Point out reading strategies that will help them. 2. Instruct them to silently read Section 4 of Chapter 18. 3. Explain to them that you are going to guide them through a virtual tour of the ear. 4. Project this website on your screen. Use your PC or Smart Board to travel through this virtual website of the human ear. Discuss each part and its function. Use the following website for the tour: www.childrensuniversity.manchester.ac.uk/interactives/science/brainandsenses/ear.swf
Summarizing Strategy	<p>Concept Sort</p> <ol style="list-style-type: none"> 1. Download the Ear Sort Document and save for students to access in the computer lab. 2. Inform students that they will be sorting a list of words into three categories. 3. Demonstrate for students how to open the document. Show students how to click on the text boxes and drag them onto the table above. 4. Give students time to sort the list of words. Allow them to print their results. 5. Share and discuss answers on Smart board.
Evaluation	Observe their work as they try the concept sort activity.

Resources	Prentice Hall Science Explorer TE and SE Website used for tour: www.childrensuniversity.manchester.ac.uk/interactives/science/brainandsenses/ear.swf Ear Sort Smart board or PC and LCD projector
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