## The Human Ear

**Major Sections of the Ear** 

Reference pp. 464-465 of your text book (Physics: Concepts & Connections; Irwin)

**Main Function** 

- 1. Complete the diagrams of the three main parts of the ear on the hand-out.
- 2. Complete the charts below using the diagrams and information from the text. Some of the functions will require further research or common sense to answer.

| Inner Ear        |      |          |  |  |  |
|------------------|------|----------|--|--|--|
| Middle Ear       |      |          |  |  |  |
| Outer Ear        |      |          |  |  |  |
|                  |      |          |  |  |  |
| Parts of the Ear | Main | Function |  |  |  |
| Pinna            |      |          |  |  |  |
| Auditory Canal   |      |          |  |  |  |
| Eardrum          |      |          |  |  |  |
| Hammer           |      |          |  |  |  |
| Anvil            |      |          |  |  |  |
| Stirrup          |      |          |  |  |  |
| Eustachian Tube  |      |          |  |  |  |
| Cochlea          |      |          |  |  |  |
| Auditory Nerve   |      |          |  |  |  |