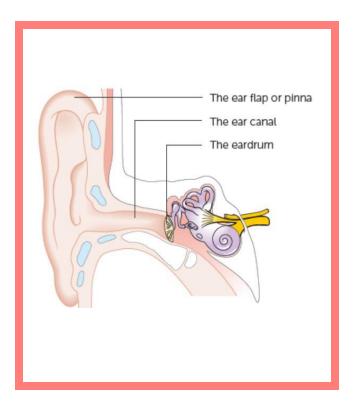


| St Paul's C of E Primary School – Knowledge Organiser |       |            |   |  |
|-------------------------------------------------------|-------|------------|---|--|
| Name of Topic                                         | Sound | Year Group | 4 |  |

| Key Vocabulary and Spellings |            |                                           |
|------------------------------|------------|-------------------------------------------|
| 1                            | sound      | Vibrations that travel to the ear         |
| 2                            | pitch      | Highness or lowness of a sound            |
| 3                            | volume     | Loudness or quietness of a sound          |
| 4                            | vibration  | Back/forth/up/down movement               |
| 5                            | travel     | Moving from one point to another          |
| 6                            | instrument | A tool to create sound                    |
| 7                            | insulation | Material used to stop sound travelling    |
| 8                            | medium     | An object that creates sound              |
| 9                            | Ear canal  | Pathway from outer to inner ear           |
| 10                           | Ear drum   | Part of ear that vibrates from soundwaves |

|   | Top 5 Topic Facts                                           |  |  |  |  |
|---|-------------------------------------------------------------|--|--|--|--|
| 1 | Sounds are heard through our ears.                          |  |  |  |  |
| 2 | Sound is created when an object moves or vibrates.          |  |  |  |  |
| 3 | Vibrations from sounds travel through an object to the ear. |  |  |  |  |
| 4 | Different objects will create different pitches of sound.   |  |  |  |  |
| 5 | The distance between medium and ear will effect volume.     |  |  |  |  |



| Key Investigations/Questions |                                                   |  |
|------------------------------|---------------------------------------------------|--|
| 1                            | What is sound?                                    |  |
| 2                            | How does sound travel to the ear?                 |  |
| 3                            | How are elements of sound affected by the medium? |  |