The 44 Sounds

*Note that the 44 sounds (phonemes) have multiple spellings (graphemes) and only the most common ones have been provided in this summary.*

### **20 Vowel Sounds**

6 Short Vowels

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a |  | e |  | i |  | o |  | u |  | oo u |
| cat |  | leg |  | sit |  | top |  | rub |  | book put |

6 Long Vowels

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ai ay |  | ee ea |  | ie igh |  | oe ow |  |  | oo ue |  |
| paid tray |  | bee beat |  | pie high |  | toe flow |  |  | moon cue |  |

3 R-Controlled Vowels

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ar |  | er ir ur |  | or |
| car |  | her bird hurt |  | cork |

6 Other Vowels

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ow ou |  | oy oi |  | eer ear |  | air ere |  | our |
| cow out |  | boy void |  | deer near |  | hair there |  | tour |

1 Unstressed Vowel

|  |
| --- |
| SCHWA  trumpet across suppose |

### **24 Consonant Sounds**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PLACE 🡪**  ***Where in the mouth*** |  | **Bilabial** | | |  | **Labio-dental** | | |  | **Inter-dental** | | |  | **Alveolar** | | |  | **Post-alveolar** | | |  |  | **Palatal** | | |  | **Velar** | | |  | **Glottal** | | |
| **MANNER *How the sound is made***  **🡣** |  | *with both lips* | | |  | *with lips and teeth* | | |  | between teeth | | |  | *front of mouth* | | |  | *front of mouth* | | |  |  | *top of mouth* | | |  | *back of mouth* | | |  | *voice box* | | |
| ***Stops*** |  | p |  | b |  |  |  |  |  |  |  |  |  | t |  | d |  |  |  |  |  |  |  |  |  |  | k c |  | g |  |  |  |  |
| *air stopped* |  | pet |  | bet |  |  |  |  |  |  |  |  |  | tip |  | dip |  |  |  |  |  |  |  |  |  |  | cap |  | gap |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Nasals*** |  |  |  | m |  |  |  |  |  |  |  |  |  |  |  | n |  |  |  |  |  |  |  |  |  |  |  |  | ng |  |  |  |  |
| *through nose* |  |  |  | met |  |  |  |  |  |  |  |  |  |  |  | net |  |  |  |  |  |  |  |  |  |  |  |  | sing |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Fricatives*** |  |  |  |  |  | f |  | v |  | th |  | th |  | s |  | z |  | sh |  | ge “zh” |  |  |  |  |  |  |  |  |  |  | h |  |  |
| *high pressure air* |  |  |  |  |  | fan |  | van |  | thin |  | this |  | sue |  | zoo |  | ship |  | beige |  |  |  |  |  |  |  |  |  |  | hat |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Affricates*** |  |  |  |  |  |  |  |  |  |  |  |  |  | ch |  | j |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *stop + fricative* |  |  |  |  |  |  |  |  |  |  |  |  |  | chain |  | Jane |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Approximants*** |  |  |  | w |  |  |  |  |  |  |  |  |  |  |  | r |  |  |  |  |  |  |  |  | y |  |  |  |  |  |  |  |  |
| *partial closure of airstream* |  |  |  | wet |  |  |  |  |  |  |  |  |  |  |  | rat |  |  |  |  |  |  |  |  | yak |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Laterals*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | l |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *air around side of tongue* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | leg |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Additional consonant sounds : | *k* | + | *s* | = | x |  |  | *k* | + | *w* | = | qu |
|  |  |  |  |  | box |  |  |  |  |  |  | quit |

