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

|  |
| --- |
| SCHWAtrumpet 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 |

