

# 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<br>c <u>a</u> t | e<br>l <u>e</u> g | i<br>s <u>i</u> t | o<br>t <u>o</u> p | u<br>r <u>u</u> b | oo u<br>b <u>o</u> ok<br>p <u>u</u> t |
|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------------------|

### 6 Long Vowels

|   |                                       |                                       |                                      |                                       |
|---|---------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| ai ay<br>p <u>a</u> id<br>tr <u>a</u> y | ee ea<br>b <u>ee</u><br>b <u>ea</u> t | ie igh<br>p <u>ie</u><br>h <u>igh</u> | oe ow<br>t <u>oe</u><br>f <u>low</u> | oo ue<br>m <u>oo</u> n<br>c <u>ue</u> |
|---|---------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|

### 3 R-Controlled Vowels

|                    |   |                     |
|--------------------|---|---------------------|
| ar<br>c <u>a</u> r | er ir ur<br>h <u>e</u> r b <u>ir</u> d<br>h <u>ur</u> t | or<br>c <u>o</u> rk |
|--------------------|---|---------------------|

### 6 Other Vowels

|                                       |                                    |   |   |                      |
|---------------------------------------|------------------------------------|---|---|----------------------|
| ow ou<br>c <u>o</u> w<br>o <u>u</u> t | oy oi<br>b <u>oy</u> v <u>oi</u> d | eer ear<br>d <u>ee</u> r<br>n <u>ea</u> r | air ere<br>h <u>air</u><br>t <u>he</u> re | our<br>t <u>ou</u> r |
|---------------------------------------|------------------------------------|---|---|----------------------|

### 1 Unstressed Vowel

SCHWA  
trumpet across suppose

# 24 Consonant Sounds

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