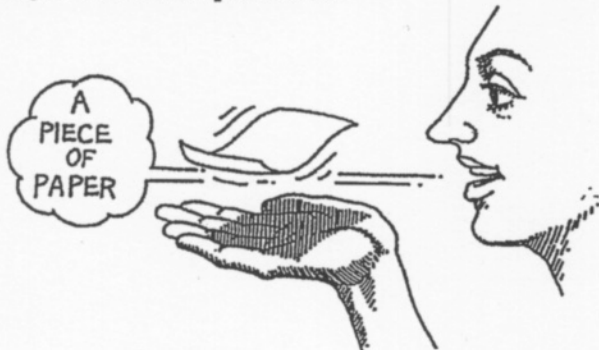


# Puff of air (aspiration)

The sounds 'p', 't' and 'k' (unvoiced stops) have an extra signal to distinguish them clearly from 'b', 'd' and 'g' (voiced stops). This signal is an extra puff of air.



If you hold a piece of paper in front of your mouth you can test yourself. The paper should move when you say a voiceless stop with a puff of air. The paper will not move without the puff of air. You can also test yourself by holding your hand in front of your mouth. You should feel the difference between the presence and absence of the puff of air.

### Train strong initial aspiration:

ar, cake, keep, cold, keen, key, pie, pike, pea, park, party, post, tea, able, tone, tie, tight, time, taste, talk, torn, town, tall, pork, pint, carp, art, part.

buy	pie	two	do	could	good
bet	pet	ten	den	cot	got
down	town	ton	done	coat	goat
done	ton	town	down	cave	gave
game	came	train	drain	clue	glue
good	could				

### Stop consonants

<input type="checkbox"/>	pi:k peak	bi:k beak	pɪt pit	bit bit
	pæk pack	bæk back	pɑ:k park	bɑ:k bark
	pɔ:t port	bɔ:t bought	pʊl pull	bʊl bull
	praɪd pride	brɑ:d bride	pleɪz plays	bleɪz blaze

<input type="checkbox"/>	tu: two	du: do	tɔ:n torn	dɔ:n dawn
	ten ten	den den	taɪ tie	daɪ die
	tʌn ton	dʌn done	tʌʊn town	daʊn down
	tju:n tune	dju:n dune	twɪn twin	dwɪndl dwindle

/g/ is short and weak and never aspirated; compare the following words (and do not forget the aspiration of /k/):

<input type="checkbox"/>	kɜ:v cave	gɜ:v gave	kɑ:d card	gɑ:d guard
	kɜ:l curl	gɜ:l girl	kʊd could	gʊd good
	kæp cap	gæp gap	kəʊl coal	gəʊl goal
	kla:s class	glɑ:s glass	krəʊ crowd	grəʊ grow

**Exercise 1 Repetition of initial plosives**  
**INITIAL FORTIS p, t, k**  
 Each word begins with a fortis plosive; notice that the plosive is aspirated. Listen and repeat:

paw pɔ:	care kee
tea ti:	two tu:
car ka:	key ki:
pie pa:	tar ta:
toe təʊ	pay peɪ

*Roach 2009: 173*