

# Braking Distance Challenge: Speed Awareness Activity

A 20's Plenty for Us Briefing April 2015

[www.20splentyforus.org.uk/Briefings/Braking\\_challenge.pdf](http://www.20splentyforus.org.uk/Briefings/Braking_challenge.pdf)

The Braking Distance Challenge is a fun, practical speed awareness game for all ages. Drivers can best visually learn by seeing the actual stopping distance differences between 20mph, 30mph and 40mph when laid out. Ideal for parks, fairs and car free days, the game only requires some space, a few marker cones and participants to play it!

## 20's Plenty for Us

...making your place a better place to be

From a starting point, measure out markers A – F in stopping distances at speeds of 20mph, 30mph and 40mph (chart below).

Invite people to have a go e.g. shout play the Braking Distance Challenge here, or have a board or sign or via an info stall / announcements / fliers or bribes / small gifts to e.g. a sticker, or 'Quality Street' sweet.

Ask all ages to guess where a car would have stopped at various speeds. It works well if parents are invited to send their children to stand next to the nearest cone that they think would keep them safe.



Have a stall explaining your campaign and the game nearby. This is the 20's Plenty for Us stall (thanks to Matthew Snedker for photos).

Let us know how your event goes.

	Impact speed from 20mph	Impact speed from 30mph	Impact speed from 40mph	Car lengths	ft	m
A	Stopped in time	26mph	40mph (in thinking time before braking)	3	39	12
B	Stopped in time	17mph	35mph	5	62	19
C	Stopped in time	Stopped in time	30mph	6	75	23
D	Stopped in time	Stopped in time	24mph	7	89	27
E	Stopped in time	Stopped in time	14mph	8	108	33
F	Stopped in time	Stopped in time	Stopped in time	9	121	37

Copy the above chart for participants to take away with the details of your branded campaign, email, website etc on the reverse and any asks you have of them e.g. emailing key councillors for 20mph limits. Ask them to sign up to a petition or a pledge to drive at 20mph too. Have fun and thanks for playing!

20's Plenty For Us campaigns for a 20mph default speed limit in built up areas without physical calming.

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