

A new angle on the London Underground

Creating a tube map for the 21st century

The original London Underground diagram, designed by Harry Beck is one of the greatest designs of the twentieth century. He rationalised and clarified a complex system to produce a simple, easy to follow piece of information graphics. The principles he established for the diagram are still in use today.

However, in 1931 when it was first used, there were only seven lines so the compromises Beck made on geographical accuracy did not matter greatly. Today, with the constant development of the diagram now accommodating twice as many lines, these inaccuracies are more of a problem. Indeed, they form the basis for a major criticism of the diagram, that it bears little or no relation to London at street level.

This is particularly the case with newer lines especially London Overground which has been shoe-horned in leaving stations nowhere near their neighbours, for example: Watford and Watford Junction; Archway and Upper Holloway; Seven Sisters and South Tottenham; South Acton and Chiswick Park.

The map illustrated here is an attempt to see if it is possible to create a geographically-accurate representation of the underground system while still retaining some of the clarity of Beck's original diagram. It uses similar principles, fixed line angles – in this case 30 and 60 degrees instead of 45 – and shortens the extremities of the lines to make it more compact.

Making the position of the stations the most important element of the design means there is less space for the station names.

To allow for this, a new condensed typeface has been created

New Underground Condensed – which is based on Edward Johnston's original font.

This map will help visitors to London navigate the city more efficiently. It will make it easier to decide which route to take including whether it is quicker to walk between stations. As the project develops, we will add more information to help users of the underground system which will be accessible on-line, in print, and via the app.

We welcome your views and ideas about this map and your experiences of using the London Underground system. You can contribute via our website which has links to the blog, twitter and facebook. Our aim is to create a dynamic map that responds to the needs of the user, makes best use of technology, and reflects the way we live our lives in the 21st Century.

For more information please contact: info@london-tubemap.com

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INDEX OF STATIONS

Grid	Line & Zone	Grid Station	Line & Zone	Grid Station	Line & Zone	Grid Station	Line & Zone	Grid Station	Line & Zone	Grid Station	Line & Zone	Grid Station	Line & Zone	Grid Station	Line & Zone
C8 Abbey Road	6 3	C3 Brondesbury Park	• 3	F4 Dundonald Road	6 S	D3 Hammersmith	88 2	D4 Knightsbridge	• 1	B1 Northwood Hills	• 6	F6 Sandilands	S	C9 Upney	6 4
D2 Acton Central	6 3	A8 Buckhurst Hill	• 5			B4 Hampstead	2/3			F6 Norwood Junction	• 4	B6 Seven Sisters	• 3	B5 Upper Holloway	<u> </u>
D2 Acton Town	66 3	A3 Burnt Oak	• 4	D2 Ealing Broadway	•• 3	B4 Hampstead Heath	• 2	C3 Ladbroke Grove	2	D3 Notting Hill Gate	• • • 1/2	D6 Shadwell	<u>6</u> 6 2	C8 Upton Park	• 3
F7 Addington Village	6 S	A2 Bushey	• 8	D2 Ealing Common	•• 3	C2 Hanger Lane	• 3	D6 Lambeth North	• 1	Ŭ		D3 Shepherd's Bush	6 2	B1 Uxbridge	6 6
F6 Addiscombe	6 S			D4 Earl's Court	●● 1/2	C3 Harlesden	• 3	D4 Lancaster Gate	• 1	A5 Oakwood	6 5	D3 Shepherd's Bush Market	. • 2	Ü	
C6 Aldgate	•• 1	B5 Caledonian Road	6 2	C3 East Acton	• 2	B5 Harringay Green Lanes	6 3	C7 Langdon Park	3 2	C6 Old Street	• 1	C6 Shoreditch High Street	6 1	D5 Vauxhall	• 1/2
C6 Aldgate East	• • 1	B5 Caledonian Road & Barr		B1 Eastcote	• 5	F7 Harrington Road	6 S	D3 Latimer Road	• • 2	D2 Osterlev	• 4	D4 Sloane Square	• 1	D5 Victoria	••• 1
C7 All Saints	6 2	B5 Camden Road	• 2	F6 East Croydon	6 S	B2 Harrow & Wealdstone	6 5	F6 Lebanon Road	6 S	E5 Oval	• 2	B8 Snaresbrook	• 4		
C2 Alperton	• 4	C5 Camden Town	• 2	A4 East Finchley	• 3	B2 Harrow-on-the Hill	• 5	D5 Leicester Square	•• 1	C5 Oxford Circus	• • • 1	D2 South Acton	6 3	F5 Waddon Marsh	6 S
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F5 Ampere Way	6 S	D7 Canary Wharf	6 6 2	D8 East India	3 2/3	D1 Hatton Cross	• 5/6	B8 Leyton	• 3	C4 Paddington	••• 1	E3 Southfields	3	B7 Walthamstow Oueen'	-
F6 Anerley	<u>a</u> 4	D8 Canning Town	6 6 3	E3 East Putney	• 2/3	B2 Headstone Lane	• 5	B8 Leyton Midland Road	• 3	B2 Park Roval	• 3	A5 Southgate	• 4	F5 Wandle Park	6 S
C6 Angel	• 1	D6 Cannon Street	• 1	A3 Edgware	6 5	D1 Heathrow Terminals 1. 2. 3		B8 Levtonstone	• 3/4	E3 Parsons Green	• 2	C4 South Hampstead	• 2	E5 Wandsworth Road*	• 2
B5 Archway	• 2/3	B6 Canonbury	6 2	C4 Edgware Road	• 1	D1 Heathrow Terminal 4	6 6	B8 Levtonstone High Road		E6 Peckham Rve*	• 2	B2 South Harrow	• 5	B8 Wanstead	• 4
F7 Arena	© 2/3	A3 Canons Park	• 5	D6 Elephant & Castle	• 1/2	D1 Heathrow Terminal 5	9 6	D7 Limehouse	3 3 2	F6 Penge West	• 4	D4 South Kensington	• • 1	B8 Wanstead Park	3
A5 Arnos Grove	• 4	A2 Carpenders Park	© 7	F7 Elmers End	3 S	B4 Hendon Central	3 /4	C6 Liverpool Street	• • • • 1	C2 Perivale	4	B2 South Kenton	4	D7 Wapping	2
B5 Arsenal	• 2		S	B9 Elm Park	6 6	D7 Heron Quays	3 74	F6 Lloyd Park	6 S	F4 Phipps Bridge	S	D7 South Quay	3 2	C5 Warren Street	• 1
F7 Avenue Road	S		8 8	E7 Elverson Road	3 2/3	A4 High Barnet	3 2 3 5	D6 London Bridge	3 3 3	D5 Piccadilly Circus	• 1	C1 South Ruislip	• Z	C4 Warwick Avenue	2
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C4 Baker Street	••••• 1		• 1	A9 Epping	8 6	B4 Highgate	• 3	A8 Loughton	• 6		6 5	D6 Southwark		A1 Watford	• 7
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C6 Barbican	• • • 1	A8 Chigwell	• 4	40 5 1		C5 Holborn	• 1	B6 Manor House	• 2/3	D7 Poplar	3	D3 Stamford Brook	• 2	F6 Wellesley Road	S
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B9 Barkingside	• 4	A1 Chorleywood	6 7	C6 Farringdon	• • 1	B5 Holloway Road	• 2	D4 Marble Arch	• 1	D8 Prince Regent	3	C8 Star Lane	6 3	B3 Wembley Park	
D3 Barons Court	• • 2	F6 Church Street	6) S	F7 Fieldway	6 S	B7 Homerton	6 2	C4 Marylebone	• 1	C7 Pudding Mill Lane	3 2/3	C7 Stepney Green	• 2	C2 West Acton	• 3
D4 Bayswater	•• 1	E5 Clapham Common	• 2	A4 Finchley Central	3 4	E7 Honor Oak Park	• 3	F4 Merton Park	8 S	E3 Putney Bridge	• 2	E5 Stockwell	•• 2	C3 Westbourne Park	2
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B4 Belsize Park	• 2	F7 Coombe Lane	6 S	B8 Gants Hill	• 4	B1 Ickenham	6	F4 Morden	3 4	B1 Rayners Lane	5	C4 Swiss Cottage	• 2	D7 West India Quay	6 2
D6 Bermondsey	3 2	D5 Covent Garden	• 1	F6 George Street	S	E4 Imperial Wharf	<u> </u>	F4 Morden Road	S	B8 Redbridge	• 4	E7 Sydenham	<u> 3</u>	D3 West Kensington	• 2
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D8 Blackwall	6 2	E7 Cutty Sark	6 2/3	A9 Grange Hill	• 4	D3 Kensington (Olympia)	3 2	B9 Newbury Park	• 4	D7 Rotherhithe	• 2	E4 Tooting Broadway	• 3	B3 Willesden Green	2/3
D5 Bond Street	•• 1	D9 Cyprus	6 3	F7 Gravel Hill	6 S	B5 Kentish Town	• 2	E7 New Cross	<u> </u>	D8 Roval Albert	6 3	C5 Tottenham Court Road	•• 1	C3 Willesden Junction	6 6 2/3
D6 Borough	• 1	37		C5 Great Portland Street	• • • 1	B5 Kentish Town West	• 2	E7 New Cross Gate	• 2	C4 Royal Oak	2	B6 Tottenham Hale	3	E4 Wimbledon	
D2 Boston Manor	• 4	B9 Dagenham East	• 5	C1 Greenford	• 4	B2 Kenton	• 4	C2 North Acton	• 2/3	D8 Royal Victoria	a 3	A4 Totteridge & Whetstone	• 4	E4 Wimbledon Park	• 3
A5 Bounds Green	• 3/4	B9 Dagenham Heathway	8 5	E7 Greenwich	<u>8</u> 2/3	E2 Kew Gardens	3 4	C2 North Ealing	• 3	B1 Ruislip	• 6	D6 Tower Gateway	. <u> </u>	A8 Woodford	6 4
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B4 Brent Cross	• 3	A8 Debden	• 6	22 Same Soury	- 3	C4 Kilburn Park	2	B2 North Harrow	• 5	C5 Russell Square	0 1	D2 Turnham Green	• • 2/3	D3 Wood Lane	6 6 2
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