

High Rise - Solution

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In this puzzle, penguins and scientists alternate placing letter tiles in a 4x4 grid, making stacks. While plays made by the penguin team are more-or-less unconstrained, the scientists' plays must end in a gamestate in which the words visible from above are all valid (i.e. are present in SOWPODS). Building on the 5 example rounds, solvers complete 62 additional rounds of penguin/scientist plays, constructing 16 tall stacks of tiles. When this is complete, the 16 stacks read (from bottom to top):

SBLEICTBSCAC TPGTFPGTEFLS	OAOCAOSRAVLO ENWOLN	ULGNORITALFM TPRWPCTLSIAO IANA	LIELOSLSKAES OPNESMLMSPBDP
NAMREPUSAOLO WOLNLH	HRCVUNIKREHG EIOIAIO	APAMOKOAOIEI ERCRENEM	NANINXEADARA EAEOLOE
ARUAEAPEPML SRUWPLUAOIO	EAMXBAIEIESR AESTLNCMRGNE NACBVMVP	IVSPUPMIBLUO SRNLANENRWET ETEOTOE	FSTSPSODOETE NTXEDNILRTSN RSESNSNEN
PGDBEDMDMRWS ASPBSPMAHFO NACETRNPMT	IRTIVALAEIRE OEAOEOREPE	DRAHSNSLTIGY LMRTSNDSNIN	OYTESTETESDS ELEPLACSTETS THDTDTS

To extract, we compute the number of buildings visible from each perimeter square (as in a reverse Skyscraper logic puzzle), and index that amount from the top of each perimeter building. Though the corner buildings receive two indices in this way, the numbers match, and we just take the corner letter with multiplicity one. Read clockwise from top left, this spells the answer to this puzzle, **LONDON TIPTON**.

Heights:				Number of Visible Buildings and Extract Letters:						
						2	3	2	2	
24	18	28	25		2	L	O	N	D	2
18	19	22	19		3	N			O	2
23	32	31	33		3	O			N	1
35	22	23	31		1	T	P	I	T	2
						1	2	2	2	

For completeness, the solutions to each clue (and positions in the grid) are given below:

Turn #	Penguin Clue	Word	Position	Scientist Clue	Word	Position
1	--	SNAP	V1	--	SOUL	H1
2	--	LAID	V3	--	INFO	V4
3	--	EASY	V4	--	GIRT	H4
4	--	BARD	V1	--	LATE	V4
5	--	REVS	H3	--	BRAS	H4
6	Filing tool	RASP	H3	Ð and ð	ETHS	H4
7	Baseball refs	UMPS	H3	Insult	DISS	H4
8	Corporate symbol	LOGO	H1	Back talk	SASS	V4
9	Billions of years	EONS	H1	Mosque prayer leader	IMAM	V1
10	Street ____	CRED	V1	Numbered musical composition	OPUS	V3
11	Word that famously does not contain an l	TEAM	V1	Sings like Kendrick	RAPS	V3
12	Ditch, or scoop water out of a boat	BAIL	H1	Little devils	IMPS	V3
13	Male cats	TOMS	V3	Boogers	SNOT	V4
14	Like or analogous	AKIN	V3	____ hustle	SIDE	V4
15	Tosses in a high arc	LOBS	V3	Hitch	KNOT	V4
16	Shaft between wheels or gears	AXLE	H3	Agitate	RILE	H4
17	Couch	SOFA	H1	Touch along an edge	ABUT	H3
18	____ point	MOOT	V3	Direction of sunrise	EAST	H3
19	Gush out	SPEW	V1	Former lovers	EXES	V4
20	Half-pints?	CUPS	V1	Kwik-E-____	MART	V3
21	Parts of a play	ACTS	H1	Sock covering	SHOE	H2
22	Deserve	EARN	H3	Enthusiastic	AVID	H4
23	Unit of beer	PINT	H3	Droops	SAGS	H4
24	Guitar key-changer	CAPO	H1	'The Queen of the Night', for example	ARIA	H2
25	Floozy	MINX	H3	Laudatory poems	ODES	V4
26	Depend (on)	RELY	V3	Bachelors' homes	PADS	V4

27	Average	MEAN	H3	Beyond the ____	PALE	H4
28	Sandcastle mold, perhaps	PAIL	V4	Brunch, for example	MEAL	H3
29	Unit of hay	BALE	H4	Hats often paired with kilts	TAMS	V1
30	Sensing appendage near a spider's mouth	PALP	V4	Piece of cloth atop a casket	PALL	H4
31	Perjurer	LIAR	H3	Buddhist honorific	LAMA	H4
32	Chess piece	PAWN	H1	Pomace	MARC	H4
33	Open one's mouth very wide	GAPE	H1	Sockpuppet accounts, for short	ALTS	H4
34	Mailed	SENT	H3	Bowlers or boaters	HATS	H4
35	Oil and butter	FATS	H4	Purple root vegetable	TARO	V1
36	Countenance	FACE	H1	Color slightly	TINT	V3
37	Exploits	USES	H3	Tree house?	NEST	H4
38	Incredible test-taker	ACER	H2	Ornamental vases	URNS	H3
39	Advise of danger	WARN	H3	What seven ate?	NINE	H4
40	Denny Doherty or John Phillips	PAPA	V1	Obscene	LEWD	V3
41	Above	OVER	V2	Observes	SEES	V3
42	Greek letters that look like sais	PSIS	H1	Supernatural radiance	AURA	H2
43	Bleak	GRIM	H1	Ogle	LEER	H3
44	Soft mineral	TALC	V1	Archaic term meaning "once"	ERST	H4
45	Operator	USER	H3	Type of cricket with a 5-day lifespan?	TEST	H4
46	____-Tune	AUTO	V2	Lad's companion	LASS	V4
47	Fairytale beginning?	ONCE	H2	‡	REST	H4
48	Panache or brio	ELAN	V1	Foul or evil	VILE	V2
49	Rudiment with a grace note	FLAM	H1	Gambling buy-in	ANTE	H3
50	Cards that can be high or low	ACES	H3	Fit together like gears	MESH	H4
51	Bean mentioned on the radio?	LIMA	V2	Bachelor of ____	ARTS	H3
52	London lavs	LOOS	H1	Vegetable featured in bhindi masala	OKRA	H2
53	Thus	ERGO	V2	Decorates with frosting	ICES	V3
54	Soon, poetically	ANON	H3	Repair	MEND	H4
55	What scissors do	SNIP	H1	Used to be	WERE	H2

56	Sound from a playground slide	WHEE	V2	A long time (in England)	AEON	V3
57	Dawn, for example	SOAP	V1	S-shaped curve in architecture	OGEE	V2
58	Gauze weave	LENO	V2	Flooring option (in England)	LINO	H2
59	Overnight breakfast option	OATS	H3	Sandpaper rating	GRIT	H4
60	Floppy disk, manila folder, or gear	ICON	H3	Nurture	TEND	H4
61	Yule	NOEL	H2	Woodwind instrument	OBOE	H3
62	Gas used to make lights	NEON	V3	Large cut of meat or stone	SLAB	H1
63	Short word for a long car	LIMO	H2	Kitchen hot spot	OVEN	H3
64	Evidence of a fender-bender	DENT	V4	Smack	SLAP	H1
65	Floppy	LIMP	V2	Half-scores?	TENS	H4
66	Like a duck after election day	LAME	H2	Not recorded	LIVE	V2
67	Slangy refusal	NOPE	V2	Plate on a diamond?	HOME	H2