Creating Classes

METROPOLITAN ELECTRIC TRAMS.

TO WOOD GREEN, ALEXANDRA PALACE, NEW SOUTHGATE, & EDMONTON ETC.

METROPOLITAN ELECTRIC TRAMS. TO TOTTENHAM & EDMONTON.

GOLDER'S GREEN.
HAMPSTEAD
BELSIZE PARK
FINCHLEY RD. & STH. HAMPSTEAD
SWISS COTTAGE
MARLBORO' ROAD
St. JOHN'S WOOD RD.
HIGHGATE
TUFNELL PARK
KENTISH TOWN
HOLLOWAY ROAD
SOUTH KENTISH TOWN
CHALK FARM
CAMDEN TOWN
MORNINGTON CRESCENT
ST PANCRAS
FINSBURY PARK
GILLESPIE ROAD
DRAYTON PARK
HIGHBURY
CALEDONIAN ROAD
YORK ROAD
ESSEX RD.
KINGS CROSS
EUSTON
ANGEL
CITY RD.
OLD ST.
MOORGATE
WHITECHAPEL

KINGSBURY NEASDEN
METROPOLITAN RY.
TO HARROW, UXBRIDGE, PINNER, RICKMANSWORTH, CHORLEY WOOD, CHALFONT RD., CHESHAM, AYLESBURY, ETC.

WILLESDEN GREEN & CRICKLEWOOD
KILBURN & BRONDESBURY
WEST HAMPSTEAD

GOWER ST.
WARREN ST.
GOODGE ST.
BRITISH MUSEUM
RUSSELL SQUARE
ALDERSGATE
FARRINGDON ST.
POST OFFICE
MOORGATE
BISHOPSGATE
St. MARY'S

GREAT CENTRAL
EDGWARE ROAD
BISHOPS RD.
ROYAL OAK
WESTBOURNE PARK
BAKER ST.
PORTLAND RD.
TOTTENHAM COURT RD.
CHANCERY LANE
BANK ALDGATE
ALDGATE EAST

WORMWOOD SCRUBBS

LATIMER RD.
NOTTING HILL
WOOD LANE EXHIBITION STN.
BAYSWATER (QUEEN'S RD.)
PRAED ST.
BOND ST.
OXFORD CIRCUS
HOLBORN
STRAND
MARK LANE
WAPPING

EXHIBITION
WOOD LANE EXHIBITION STN.
NOTTING HILL GATE
HOLLAND PARK
QUEENS RD.
LANCASTER GATE
MARBLE ARCH
PICCADILLY CIRCUS
LEICESTER SQUARE
COVENT GARDEN
MANSION HOUSE
CANNON ST.
MONUMENT
LONDON BRIDGE

TO ACTON, EALING, SOUTHALL, UXBRIDGE, ETC.

SHEPHERD'S BUSH
UXBRIDGE RD.
NOTTING HILL GATE
DOVER ST.
DOWN ST.
HYDE PARK CORNER
TRAFALGAR SQUARE
CHARING CROSS (EMBANKMENT)
WATERLOO
BLACKFRIARS
BOROUGH
ROTHERHITHE

DISTRICT RY. TO CHISWICK PARK, ACTON, EALING, HOUNSLOW, HARROW, ETC.

TURNHAM GREEN
RAVENSCOURT PARK
HIGH ST. KENSINGTON
ADDISON ROAD
GLO'STER ROAD
SOUTH KENSINGTON
KNIGHTSBRIDGE
BROMPTON ROAD
St. JAMES PARK
WESTMINSTER
WESTMINSTER BRIDGE ROAD
ELEPHANT & CASTLE

TO KEW & RICHMOND.
LONDON UNITED TRAMS TO HAMPTON COURT, TWICKENHAM, HOUNSLOW, BRENTFORD, KEW, ETC.

HAMMERSMITH
BARONS COURT
WEST KENSINGTON
EARLS COURT
WEST BROMPTON
WALHAM GREEN
PARSONS GREEN

EARLS COURT EXHIBITION

CHELSEA FOOTBALL GROUND

SLOANE SQUARE
VICTORIA
ARMY & NAVY AND AUXILIARY STORES

BELGRAVIA
PIMLICO
CHELSEA
BATTERSEA PARK

KENNINGTON
OVAL
STOCKWELL FOR BRIXTON
CLAPHAM RD.
CLAPHAM COMMON

PECKHAM

JOHNSON, RIDDLE & CO. LTD. LONDON. S.E.
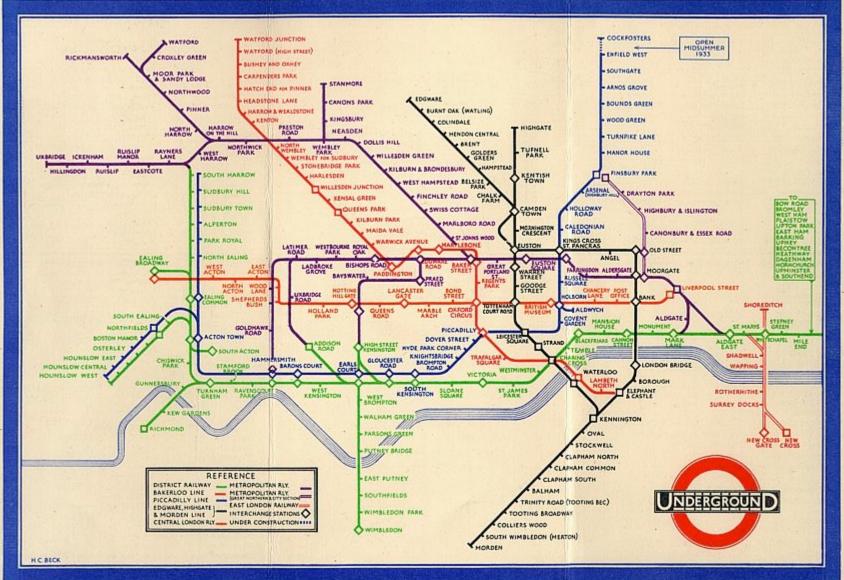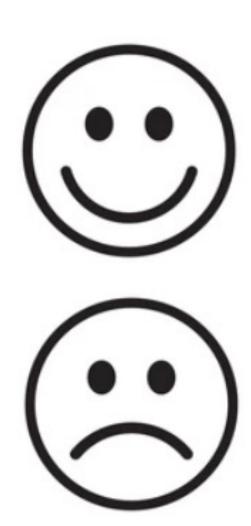
Abstraction

- Abstraction is the process of capturing only those ideas about a concept that are relevant to the current situation.

Abstraction

- ***Control abstraction***: Giving function names to sections of code that then "stand" for that code.
- When we call a function, the **user** of the function (usually) doesn't care **how** the function works, they just care that it **does** work.
  - To a user, the only relevant part is that the function does what it promises to do.

Abstraction

- ***Data abstraction***: Choosing to represent a concept by certain features and ignoring others.

Classes

- The point of a class is to combine data abstractions with appropriate control abstractions (functions), resulting in one entity that has *state* (instance variables) and associated *behaviors* (methods).