Logic - represent information (Knowledge) in a Precise (i.e. well-defined) language (structurally and semantically)

- reason with this information (deduction) to ther forms of reasoning (induction) anguage Natural language (what humans use) - words, sentences - ambiguous

Logical languages

- symbols and expressions

- structurally unambigaous

- semantically unambiguous

5ym30/5 - to represent information -to connect symbols

-to connect symbols

Dobject language

A, B, C ; P, F, T, T connectives (to be introduced later)

- meta-language - pymbol used to talk about object language - symbols used to describe object language i,j, k, l, m, n