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- · Some patients have difficulty with only certain types of nouns
  - concrete vs abstract (chair vs trust)
  - nonliving vs living (table vs dog)
  - animals and vegetables vs food and body parts
  - colors

proper names

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chimpanzees



- In the 1960s several research groups reported teaching chimpanzees American Sign Language (ASL)
  - after failure to teach spoken language
  - other groups taught chimps to press symbols on a computer keyboard or string magnetized plastic shapes on a board
- Claimed to teach chimps hundreds of words
  - and chimps created new compound words

» stale Danish -> cookie rock
» There's a movie

» swan -> water bird



- » https://www.youtube.com/watch?v=u4T8ZeZy22M
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• But really, the chimp need only understand two words: cooler and Penney

• the rest can be guessed! Purdue University

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**Problems** 

• Just like with Eliza (the computer therapist) it

is easy to attribute language ability where it

does not really exist (9 month old children)

• You can teach an animal a lot using simple

Researchers were quick to excuse mistakes

as "play", "jokes", "puns", "metaphors",...

Purdue University

conditioning tricks

- A relative of other "signing" chimps
  - with more careful judging probably learned approximately 25 words
  - moreover, the "signs" were variations of the natural movements of chimps in the wild
- The chimps did not learn ASL





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