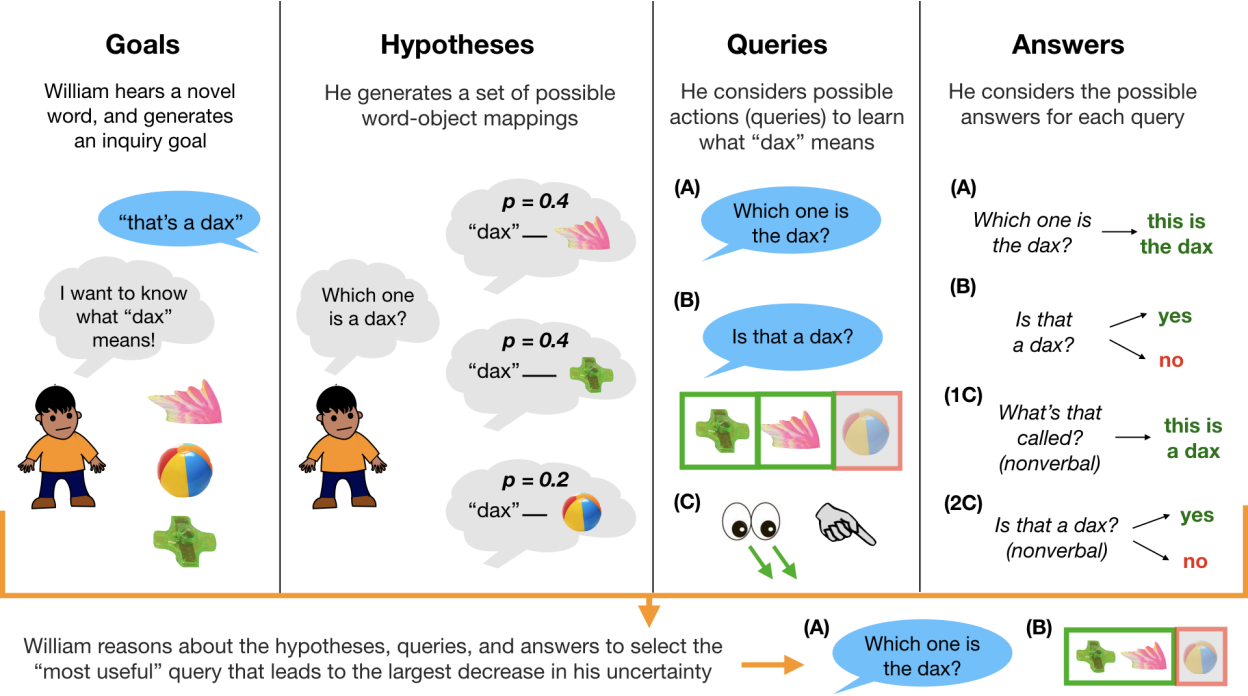
Goals
William hears a novel word, and generates an inquiry goal
"that's a dax"
I want to know what "dax" means!
Hypotheses
He generates a set of possible word-object mappings
Which one is a dax?
p = 0.4
"dax"
p = 0.4
"dax"
p = 0.2
"dax"
Queries
He considers possible actions (queries) to learn what "dax" means
(A)
Which one is the dax?
(B)
Is that a dax?
(C)
Answers
He considers the possible answers for each query
(A)
Which one is the dax?
this is the dax
(B)
Is that a dax?
yes
no
(1C)
What's that called? (nonverbal)
this is a dax
(2C)
Is that a dax? (nonverbal)
yes
no
William reasons about the hypotheses, queries, and answers to select the "most useful" query that leads to the largest decrease in his uncertainty
(A)
Which one is the dax?
(B)