



 Language ability in children is innate, encoded in the DNA.

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- How do children acquire the ability to walk?
- A. Children are taught to walk by their parents and/or caregivers.
- B. Children pick up walking by imitating those around them.
- c. Walking ability in children is innate, encoded in the DNA.

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- How do children acquire the ability to play a musical instrument?
- A. Children are taught to play musical instruments by their parents and/or teachers
- B. Children pick up musical instrument playing by imitating the playing of those around them.
- Ability to play musical instruments in children is innate, encoded in the DNA.

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## Summary: Two views of language acquisition (Clip 1)

- Generalized learning and problem solving abilities allow children to acquire language through imitation and by being teaching
- Language results from specialized brain structures, specified in our DNA. Language is not learned; it is innate
- Middle ground: How much of language does a child have to learn and how much is built in?

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## Children Know Language that They have Not been Taught (Clip 2)

- Version 1: "When did the boy say he hurt himself?" Both small children and adults accept two answers:
  - □ "in the bathtub"
  - "when he fell from the tree"
- Version 2: "When did the boy say how he hurt himself?" Small children and adults accept only one answer:

  - "in the bathtub"NOT "\*when he fell from the tree"
- Claim: Children have probably not been taught to make this (subtle?) distinction and it seems unlikely that they have often been exposed to it. Therefore, this provides evidence for innate knowledge of language structure.

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Are you persuaded that the evidence, summarized on the last slide, supports the claim that children have innate knowledge about language?

(Can you think of other explanations for why children as well as adults make this distinction?)

- A. Yes
- B. Not sure
- c. No

anguage 2

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- Does it make sense to you that children typically learn grammar – i.e., the rules of syntax; how sentences can be structured – either by imitating the speakers around them or by being taught?
- ∆ Yes
- B. No

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