**Formex Datasheet Previous studies this session**: \_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| CTB #: \_\_\_\_\_ | DOB: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DOT: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Prepared by:    Experimenter:  Location:  Camera: |
| Subj #: \_\_\_\_\_ | Gender: M F |
| **Condition: \_\_\_C\_\_\_\_**  **Block Order:** \_\_\_\_\_\_\_\_\_\_**E**\_\_  **Question Order**: \_\_\_\_\_\_\_\_\_\_\_\_  **Innateness Version: A or B** | |

|  |  |
| --- | --- |
| What if CHILD | EXPERIMENTER |
| “IDK” / silent | 1st: I know this is a pretty tricky question huh? But if you had to choose, *[repeat question]*  2nd: You know, there are no right or wrong answers in this game. Anything you say is good. *[repeat question]* |
| Irrelevant comments, Persists with a question | Well let’s talk about that after the game, for now I just want to know… (repeat question with item in question) \*try to get back to their question after the study is done\* |
| Answers early | Oh, and one of the rules of this game is that I have to finish my whole question before you answer, ok? |

**Introduction**

**In this game, I’m going to tell you some things about some animals. When we talk about these animals, make sure you pay close attention because I’ll ask you some questions about these animals, okay?**

|  |  |
| --- | --- |
| **Block Order:** |  |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_** | **A.** *[show picture of giraffe]*  "See this. It’s a giraffe, and do you know what else? It likes to sleep standing up.”  "What is this?” (*wait for child's response*)  *[circle one]:* **Right / Wrong or IDK**  If right: "Right, it’s a giraffe."  If wrong/”IDK”: “Actually, it’s a giraffe.”  "What does it do?" (*wait for child's response)*  *[circle one]:* **Right / Wrong or IDK**  If right: "Right, it likes to sleep standing up."  If wrong/”IDK”: “Actually, it likes to sleep standing up.”  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_1. "Now, here’s a question for you: This giraffe is 8 years old."  "Do you think it liked to sleep standing up when it was 4 years old?" *[circle one]:* **Yes / No**  "Do you think it will always like to sleep standing up?" *[circle one]:* **Yes / No**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\*CROSS OUT VERSION THAT WON’T BE USED\***  **VERSION A**  \_\_\_\_\_\_\_\_\_ 2. “Why do you think it likes to sleep standing up? Do you think it was born like that, or did it learn? If you think it was born like that, point here. If you think it learned, point here.”  *[circle one]:* **Born / Learned**  **VERSION B**  \_\_\_\_\_\_\_\_\_ 2. “Why do you think it likes to sleep standing up? Do you think it learned, or was it born like that? If you think it learned, point here. If you think it was born like that, point here.”  *[circle one]:* **Learned / Born**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  \_\_\_\_\_\_\_\_\_3. “Do you think "just this giraffe,” “a few giraffes,” or “a whole lot of giraffes” like to sleep standing up?”  *[circle one]:* **just this one / a few / a whole lot** |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_** | **B.** *[show picture of turtle]*  "See this. It’s a turtle, and do you know what else? It likes to eat lettuce.”  "What is this?” (*wait for child's response*)  *[circle one]:* **Right / Wrong or IDK**  If right: "Right, it’s a turtle."  If wrong/”IDK”: “Actually, it’s a turtle.”  "What does it do?" (*wait for child's response)*  *[circle one]:* **Right / Wrong or IDK**  If right: "Right, it likes to eat lettuce."  If wrong/”IDK”: “Actually, it likes to eat lettuce.”  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_1. "Now, here’s a question for you: This turtle is 8 years old."  "Do you think it liked to eat lettuce when it was 4 years old?" *[circle one]:* **Yes / No**  "Do you think it will always like to eat lettuce?" *[circle one]:* **Yes / No**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\*CROSS OUT VERSION THAT WON’T BE USED\***  **VERSION A**  \_\_\_\_\_\_\_\_\_ 2. “Why do you think it likes to eat lettuce? Do you think it was born like that, or did it learn? If you think it was born like that, point here. If you think it learned, point here.”  *[circle one]:* **Born / Learned**  **VERSION B**  \_\_\_\_\_\_\_\_\_ 2. “Why do you think it likes to eat lettuce? Do you think it learned, or was it born like that? If you think it learned, point here. If you think it was born like that, point here.”  *[circle one]:* **Learned / Born**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  \_\_\_\_\_\_\_\_\_3. “Do you think "just this turtle,” “a few turtles,” or “a whole lot of turtles” like to eat lettuce?”  *[circle one]:* **just this one / a few / a whole lot** |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_** | **C.** *[show picture of owl]*  "See this. It’s an owl, and do you know what else? It cleans itself with its beak.”  "What is this?” (*wait for child's response*)  *[circle one]:* **Right / Wrong or IDK**  If right: "Right, it’s an owl."  If wrong/”IDK”: “Actually, it’s an owl.”  "What does it do?" (*wait for child's response)*  *[circle one]:* **Right / Wrong or IDK**  If right: "Right, it cleans itself with its beak."  If wrong/”IDK”: “Actually, it cleans itself with its beak.”  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_1. "Now, here’s a question for you: This owl is 8 years old."  "Do you think it cleaned itself with its beak when it was 4 years old?" *[circle one]:* **Yes / No**  "Do you think it will always clean itself with its beak?" *[circle one]:* **Yes / No**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\*CROSS OUT VERSION THAT WON’T BE USED\***  **VERSION A**  \_\_\_\_\_\_\_\_\_ 2. “Why do you think it cleans itself with its beak? Do you think it was born like that, or did it learn? If you think it was born like that, point here. If you think it learned, point here.”  *[circle one]:* **Born / Learned**  **VERSION B:**  \_\_\_\_\_\_\_\_\_ 2. “Why do you think it cleans itself with its beak? Do you think it learned, or was it born like that? If you think it learned, point here. If you think it was born like that, point here.”  *[circle one]:* **Learned / Born**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  \_\_\_\_\_\_\_\_\_3. “Do you think "just this owl,” “a few owls,” or “a whole lot of owls” clean themselves with their beak?”  *[circle one]:* **just this one / a few / a whole lot** |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_5\_\_\_\_\_\_** | **D.** *[show picture of elephant]*  "See this. It’s an elephant, and do you know what else? It flaps its ears to cool off.”  "What is this?” (*wait for child's response*)  *[circle one]:* **Right / Wrong or IDK**  If right: "Right, it’s an elephant."  If wrong/”IDK”: “Actually, it’s an elephant.”  "What does it do?" (*wait for child's response)*  *[circle one]:* **Right / Wrong or IDK**  If right: "Right, it flaps its ears to cool off."  If wrong/”IDK”: “Actually, it flaps its ears to cool off.”  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_1. "Now, here’s a question for you: This elephant is 8 years old."  "Do you think it flapped its ears to cool off when it was 4 years old?" *[circle one]:* **Yes / No**  "Do you think it will always flap its ears to cool off?" *[circle one]:* **Yes / No**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\*CROSS OUT VERSION THAT WON’T BE USED\***  **VERSION A:**  \_\_\_\_\_\_\_\_\_ 2. “Why do you think it flaps its ears to cool off? Do you think it was born like that, or did it learn? If you think it was born like that, point here. If you think it learned, point here.”  *[circle one]:* **Born / Learned**  **VERSION B:**  \_\_\_\_\_\_\_\_\_ 2. “Why do you think it flaps its ears to cool off? Do you think it learned, or was it born like that? If you think it learned, point here. If you think it was born like that, point here.”  *[circle one]:* **Learned / Born**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  \_\_\_\_\_\_\_\_\_3. “Do you think "just this elephant,” “a few elephants,” or “a whole lot” of elephants flap their ears to cool off?”  *[circle one]:* ***just this one / a few / a whole lot***  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **E. POST-TEST**  *[introduce picture of dog]*  1. This dog barks. Do you think “just this dog,” “a few dogs,” or “a whole lot” of dogs bark? *[circle one]:* **just this one / a few / a whole lot**  *[introduce picture of cat]*  2. This cat has a cold. Do you think “just this cat,” “a few cats,” or “a whole lot” of cats have a cold?  *[circle one]:* **just this one / a few / a whole lot** |

*“Okay. Now we are done with this game, but I have another fun game ready for us over here! Let me switch the camera, and then we can start!”*

(Put away materials from this game and get materials ready for next game; as much as possible, try to stay in your seat. Push button on camera to stop recording from this game, then push button again to start recording next game)

**If child says at any point that they do not want to play anymore or wants to go back to the waiting room, you can ask them once**,

*“Are you sure? We just have this one game and then we’re done.”*

* If they say they’ll play one more, continue with one game and **end the session afterwards**.
  + If after resuming the game, they say again they do not want to play, follow the above script again
  + If after resuming the game a 2nd time, they say for a 3rd time they do not want to play, just end the session.
* If they confirm that they're done, then say, *"Okay! Thanks for playing! Let's go back to the other room."* And take them back to the waiting area.