Challenges and Opportunities in Training Data Collectors on iPad® Data Collection
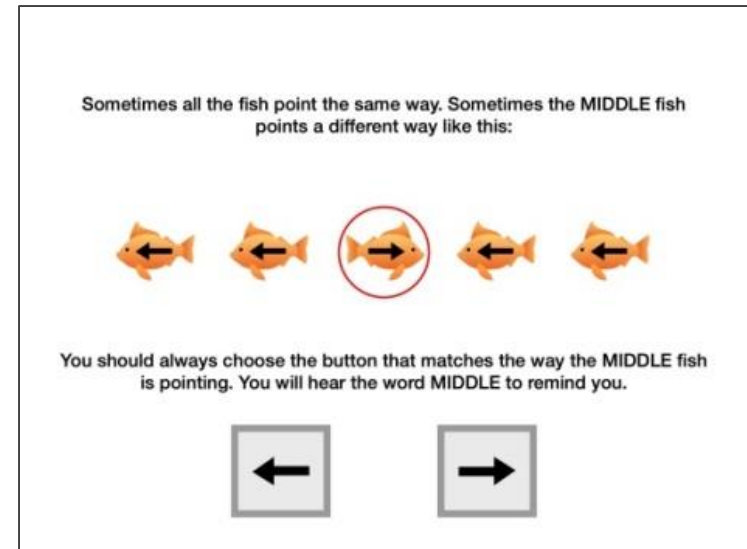
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NORC
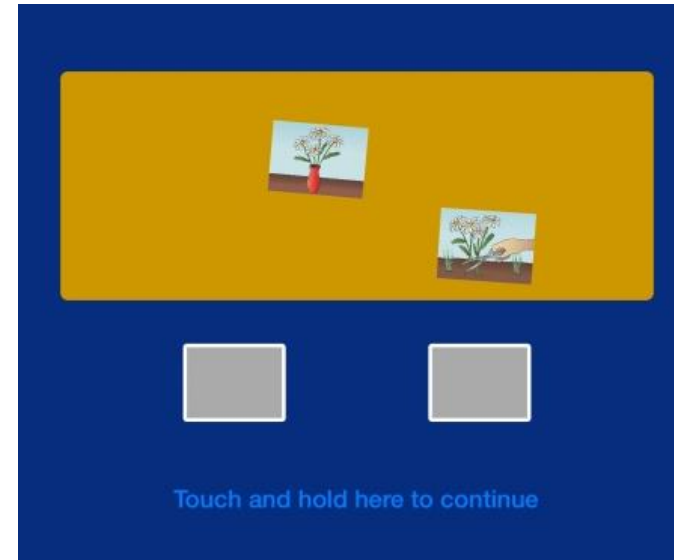*at the* UNIVERSITY *of* CHICAGO

Background and Goals

- Battery of assessments test:
  - Executive function
  - Cognitive flexibility
  - Reaction time
  - Episodic memory

- Encouraging completion without influencing performance

Sometimes all the fish point the same way. Sometimes the MIDDLE fish points a different way like this:

You should always choose the button that matches the way the MIDDLE fish is pointing. You will hear the word MIDDLE to remind you.

Challenges

- Training challenges:
  - Using the iPad
  - Downloading and uploading participant information
  - Interviewing vs. testing

- Administration Challenges
  - Gaining and maintaining cooperation
  - Break off recognition and recovery

Touch and hold here to continue

Using the iPad

- Challenge:
  - Varying trainee iPad experience

- Solutions:
  - iPad basics module
  - iPad functions and care instructions job aid
  - Worked individually with data collectors

I Pad Air Basics

Sleep/Wake button
You can lock iPad and put it to sleep when you're not using it. When iPad is locked, nothing happens if you touch the screen, but music continues playing and you can use the volume buttons.

Lock iPad. Press the Sleep/Wake button.
Unlock iPad. Press the Home button or the Sleep/Wake button, then drag the slider that appears onscreen.
Turn iPad on. Hold down the Sleep/Wake button until the Apple logo appears.
  ➤ After turing the iPad on, press the Home button to access the applications.
Turn iPad off. Hold down the Sleep/Wake button for a few seconds until the slider appears onscreen, then drag the slider.
  ➤ When you have fininshed administering the Neuro Toolbox to the child participant, please turn it off as this will help conserve battery
If you don't touch the screen for two minutes, iPad locks itself. You can change how long iPad waits to lock itself, or set a passcode to unlock iPad.
Set the auto-lock time. Go to Settings > General > Auto-Lock.
Set a passcode. Go to Settings > Passcode.

Home button
The Home button takes you back to the Home screen at any time. It also provides other convenient shortcuts.
Go to the Home screen. Press the Home button.

On the Home screen, tap on app to open it. See Start from home on page 19.
See apps you've opened. Double-click the Home button when iPad is unlocked, then swipe left or right.

Downloading and Uploading Information

- Virtual Private Network (VPN) use
  - Challenge:
    - Complex participant case upload and download process

  - Solutions:
    - Step-by-step explanatory job aids provided
    - Upload and download process built into certification

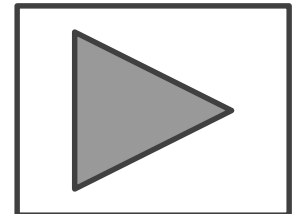# Interacting with the Child Participant

- Challenge
  - Gaining and maintaining participant cooperation
  - Hesitancy to encourage

- Solution
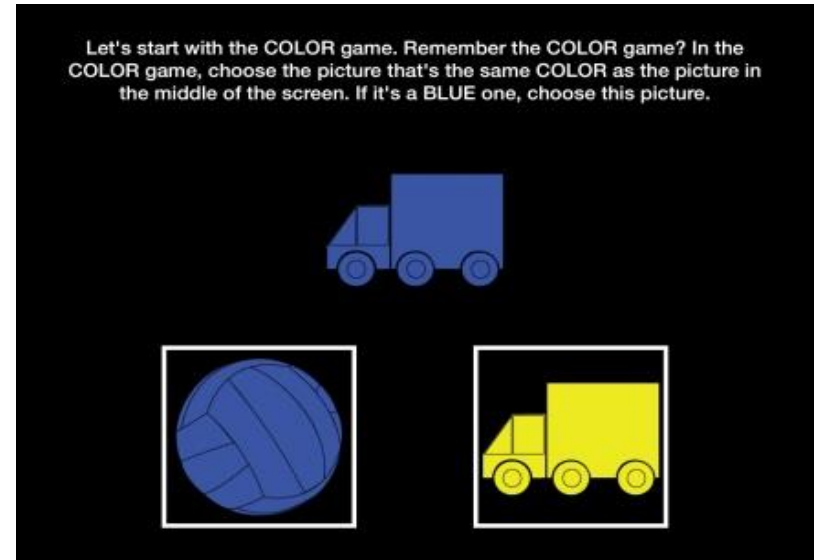 - Generous time dedicated to training on neutral feedback

Break Offs

- Challenge
  - Working with young children
    - Short attention spans
    - Restlessness

- Solution
  - Spending ample time on break off recognition and recovery
  - "Secret Handshake"

Let's start with the COLOR game. Remember the COLOR game? In the COLOR game, choose the picture that's the same COLOR as the picture in the middle of the screen. If it's a BLUE one, choose this picture.

Conclusion

- Do not assume proficiency
  - Prepare for diverse levels of experience

- Job aids and practice time
  - Helpful to facilitate understanding

- Neutral feedback and encouragement
  - Absolutely fine and beneficial for completion

Thank You!

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