

## Parent Child Interactive Tasks:

**\*\*You and your child will complete these next activities together using your computer. Tasks do not need to be completed at the same time.**

## Preparing for the Parent Child Interactive Games:

1. Minimize distractions in the room you are going to be playing the game in (e.g., ask siblings to play in a different room, turn off TV and other electronics, etc.).
2. Before sitting down with your child, run through each game on your own. Do you understand the task? Can you explain it to your child? Do you know how to respond for each trial? Play until you are comfortable, then hit “q” to quit the game (no need to save your results).
3. Keep in mind that these games are designed to be challenging, and your child will not get all of the answers correct. This is expected!
4. Please do not “help” your child by providing hints while playing the game. If they aren’t sure about an answer, encourage them to guess. These guesses are often correct.
5. **IMPORTANT: If your child becomes disinterested and you feel their responses no longer reflect their “best effort”, you may end the games early by pressing the “q” key. It is better to end early and have fewer good trials, than to persist when your child is no longer interested.**

## Downloading the Games:

1. Click the link provided at the end of the surveys, or navigate to:  
<https://ivclab.utk.edu/preschoolhomeproject>
2. On Step 2, click the button that says “Download Games”
3. Select your operating system by clicking on “Mac” or “Windows”
4. Click on each game and save it to a location you will remember (e.g., your desktop or downloads folder).
5. When you are ready to play, double-click the game to get started.

*\*Errors and Warnings: Most modern operating systems will warn you if you attempt to open an application that was downloaded from the internet or was created by an unknown developer. This is normal, and generally can be resolved easily. Please refer to the section [Common Errors and Warnings](#) for help resolving these issues.*

## Memory Game Instructions:

Double-click to launch the game. You will be asked to enter your child’s initials and birthdate. Read the instructions, then click the blue start button to start practice trials. You are required to complete a minimum of 3 practice trials but may continue practicing until you and your child are comfortable with the game. When ready to start the real trials, click the blue button to end the practice.

For this task, your child will be asked to remember the colors of circles. We have designed the task to produce both easy trials (e.g., only 1 circle) and difficult trials (e.g., 4 circles). We expect your child will miss most of the difficult trials. This is absolutely normal! When you have finished the game, you will be prompted to save your results. Please do not alter this file and save it in a safe place. \*We estimate this activity will take approximately 10 minutes.

## Attention Game Instructions:

Double-click to launch the game. You will be asked to enter your child’s initials and birthdate. Read the instructions, then click the blue start button to start practice trials. You are required to complete a

minimum of 3 practice trials but may continue practicing until you and your child are comfortable with the game. When ready to start the real trials, click the blue button to end the practice.

For this task, we ask that you encourage your child to respond as quickly as they can while maintaining their accuracy. When your child gets a trial correct, you will hear a “pop” sound. Certain kinds of trials are very likely to result in errors. This is absolutely normal, and a sign that your child is attempting to respond quickly. When you have finished the game, you will be prompted to save your results. Please do not alter this file and save it in a safe place. \*We estimate this activity will take approximately 7 minutes.

### When You Have Completed The Games:

Once you have completed both games, locate your results files, and navigate back to our project page at: <https://ivclab.utk.edu/preschoolhomeproject>

1. On Step 3, click the “Upload Results” button.
2. Fill in the requested information, and feel free to leave a note if there is anything you would like to communicate about the study experience.
3. Upload your results where indicated, and click “Submit”.
4. Your information will be encrypted and uploaded directly to our lab server
5. Feel free to delete both games from your computer when finished.
6. Finally, on “Step 4” click the “Complete ASQ” button. This will take to you the “Ages and Stages” assessment website, an internationally recognized developmental assessment tool. After you have finished, you will receive a complementary sheet of age appropriate activities you can engage in with your child to foster skills development.
7. When we have received your survey, game, and ASQ information, we will send you a \$15 gift card to Amazon.com. *You may choose to opt out of any portion of this research without penalty. Just let us know so we can send your thank you gift: [ivclab@utk.edu](mailto:ivclab@utk.edu).*

## **Thank you for Participation!!**

If you have any questions, please contact the Infant Visual Cognition Lab

Phone Number: (865) 974- 4168

E-mail: [ivclab@utk.edu](mailto:ivclab@utk.edu)

## Common Errors and Warnings:

### For Macs: Sierra and High Sierra

- When you first launch the app, you may see the following error message:



- To resolve this, locate the downloaded app
- Control-click (or right-click) the app icon, then choose "Open"
- You may additionally see receive an error that the application is not optimized for your mac. Simply select "OK", and the program should run.



\*\*For more information on these warnings see:

- [https://support.apple.com/kb/ph25088?locale=en\\_US](https://support.apple.com/kb/ph25088?locale=en_US)
- <https://support.apple.com/en-us/HT208436>

### For PCs: Windows 10:

- When you first launch the app, you may see the following error message:



- To resolve this, first click on, "More info" (black arrow in the left image above)
- Then click "Run Anyway" (black arrow in the right image above)

\*\*For more information on this warning see:

- <https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-defender-smartscreen/windows-defender-smartscreen-overview>