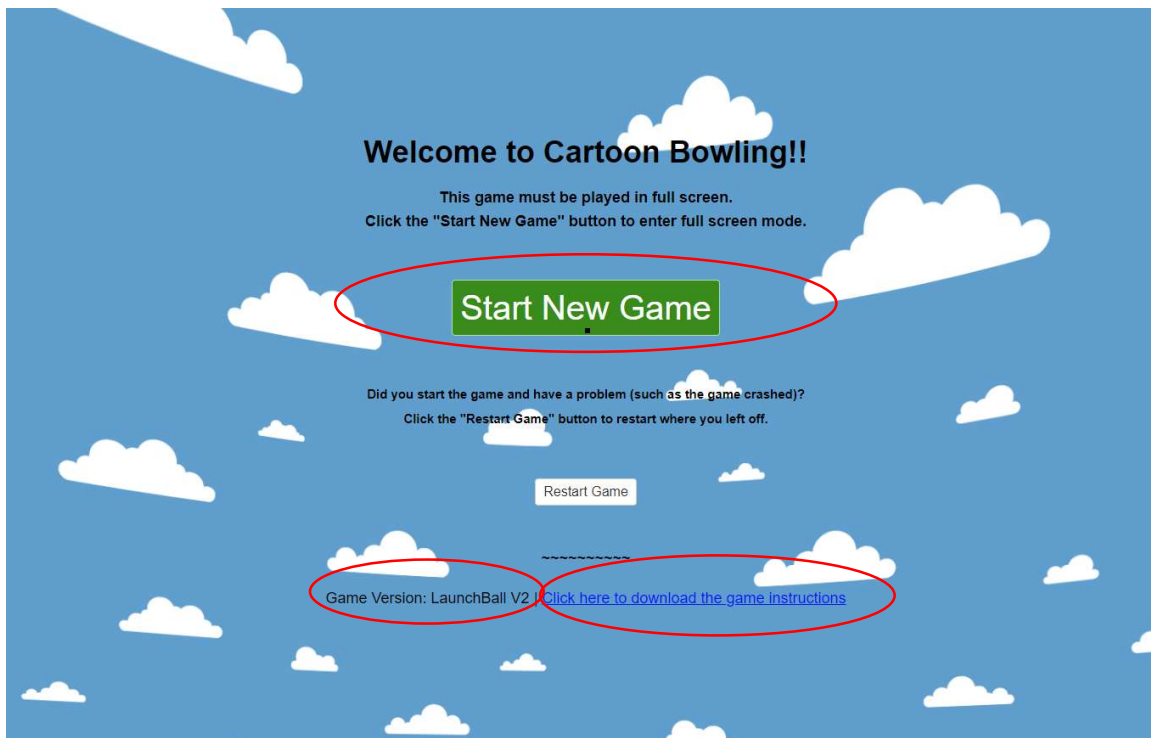


Instructions for Cartoon Bowling

Thank you for participating in our research study! Please follow the instructions and let the experimenter know if you have any questions.

1. To play the game, you must be connected to the internet.
2. **Compatible Devices:** Please use a computer (either a laptop or a desktop) to access the game. The game is not currently compatible to be played on an iPad/tablet or phone. Please contact the experimenter with any questions.
3. **Web Browsers:** The preferred browser for playing the game is Google Chrome. The game will work in other browsers including Apple Safari*, Mozilla Firefox, and MS Edge if Google Chrome is not available to you. If the game does not work in one browser, try another. If you have difficulties, please contact the experimenter.
 - a. **Note:** If you are using a computer with a touchscreen, sometimes Google Chrome will automatically exit out of full screen when you get to the edge of the touch screen. If this repeatedly occurs for you, you could try Mozilla Firefox or another browser.
4. Click on the link provided to you by the experimenter. When the game loads, double check that the “**Game Version**” matches the version the experimenter instructed you to play. If it does not, please contact the experimenter before continuing.
5. To get started, click the “**Start New Game**” button. You can press “Esc” at any time to exit the full screen mode.
6. Before your child starts the game, you can download and review the instructions manual from this first page. These are the same instructions that the research coordinator emailed you with the game link. Instructions will also be provided within the game.



7. On the next page, you will see a welcome screen where you will input the subject ID (provided by the experimenter) and other information. **Please enter the subject ID exactly as it has been given to you by the experimenter (including capitalization).**

*To use on Safari, you may need to enable WebGL 2.0 following these instructions:
<https://discussions.apple.com/thread/8655829>

Use the drop down menus to fill in your age at time of game play, your sex as indicated in the participant screening, the device you are using (mouse, trackpad, or touchscreen), and the hand you are using to play the game. Note: Some trackpads won't be calibrated to complete the game properly so use an external mouse or touchscreen if you can. **Once complete, click the "Continue" button.**

Please enter your subject ID and select the appropriate options.

Enter the subject ID exactly as it was provided to you (including capitalization):

How old are you?

Select your age

Select your sex (as reported during participant screening):

Select your sex

Are you using a mouse, trackpad, or touchscreen?

Select your device

Which hand to do you use to control the mouse/trackpad or use the touchscreen?

Select your hand

Continue

Example of blank information page

Please enter your subject ID and select the appropriate options.

Enter the subject ID exactly as it was provided to you (including capitalization):

MUH***

How old are you?

8 years

Select your sex (as reported during participant screening):

Female

Are you using a mouse, trackpad, or touchscreen?

Mouse

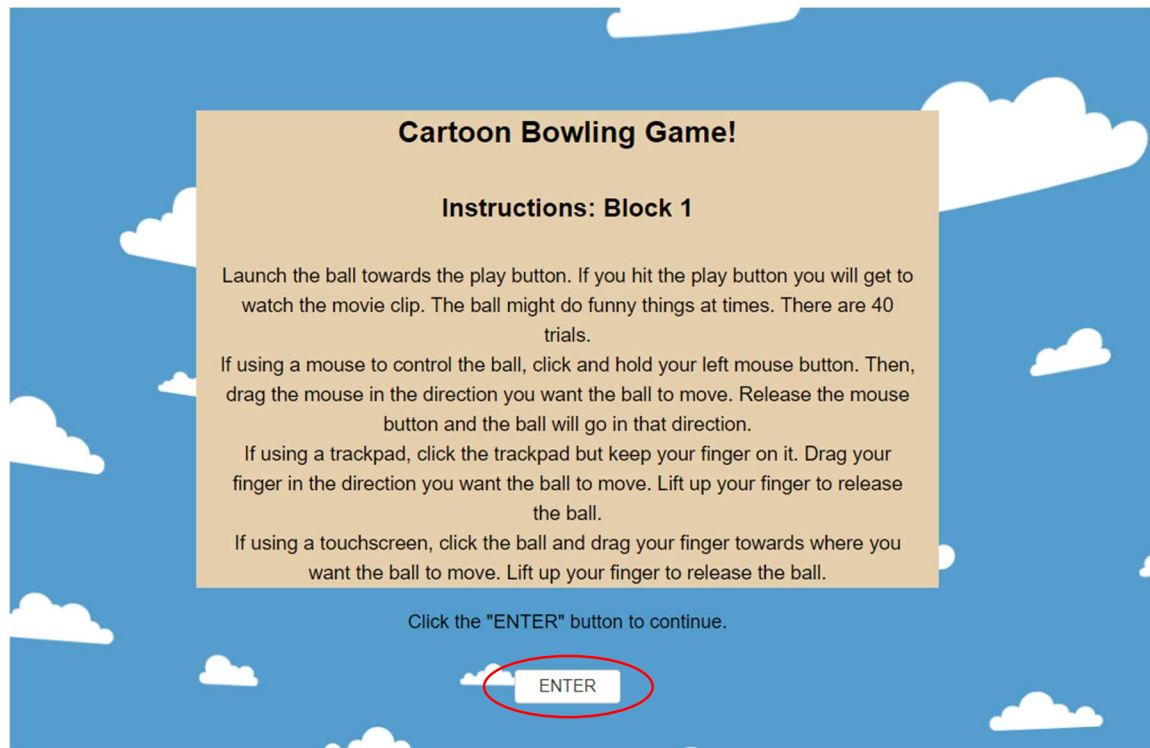
Which hand to do you use to control the mouse/trackpad or use the touchscreen?

Right

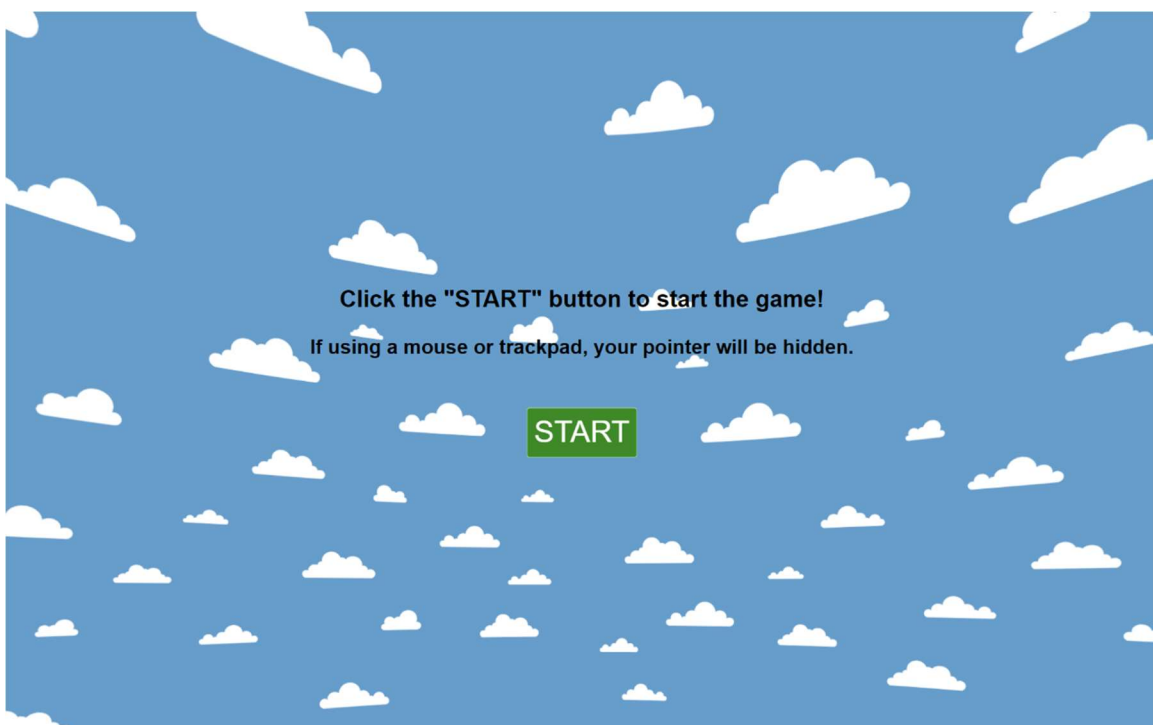
Continue

Example of completed information page

8. The next page will display the instructions for the first block. There is audio narration of the instructions for your child to listen. Alternatively, you can read the instructions to your child or have your child read the instructions before clicking the “ENTER” button. There will be a second set of instructions after the first block.

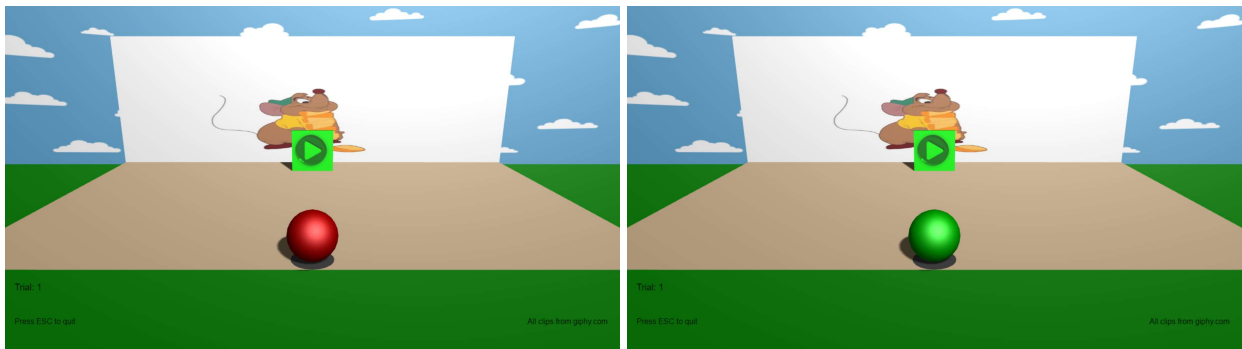


9. After the game instructions, you will see the page that allows you to start the game.
Note: If using a mouse or trackpad, the cursor will not be visible during game play. You can always press “Esc” on your keyboard to exit full screen mode and access the cursor if needed.

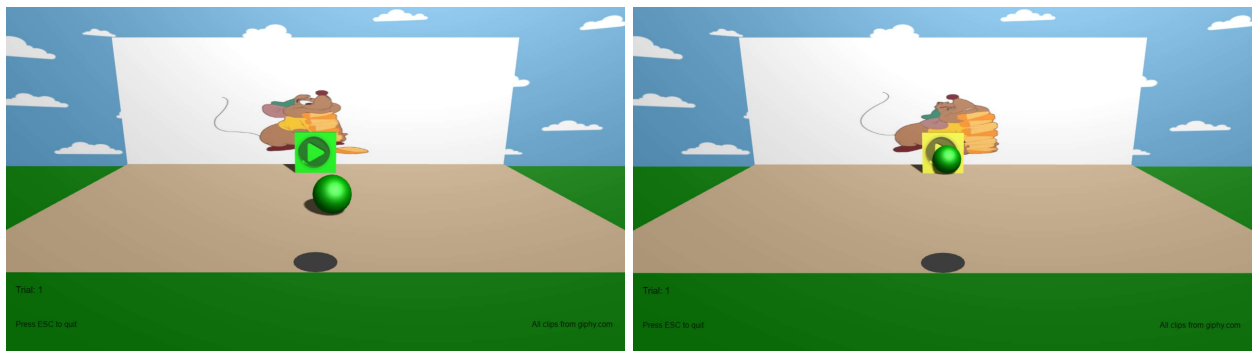


10. Clicking the “START” button will take you into game mode. Try to hit the green play button to play the video clip.
- If using a mouse to control the ball, click and hold your left mouse button to make the ball turn green. Then, **drag the mouse in the direction you want the ball to move**. Release the mouse button and the ball will go in that direction. *Remember the cursor will not be visible while playing the game.*
 - If using a trackpad, click the trackpad to make the ball turn green but keep your finger on it. **Drag your finger in the direction you want the ball to move**. Lift up your finger to release the ball.
 - If using a touchscreen, put your finger on the ball to make it turn green and **drag your finger towards where you want the ball to move**. Lift up your finger to release the ball.

Video Playback Note: Some browsers are slower to load the videos so you will see a green or black screen instead of a preview of the video clip. It is ok if this occurs. Still try to hit the play button with the ball to play the video.



Click the ball to make it turn green

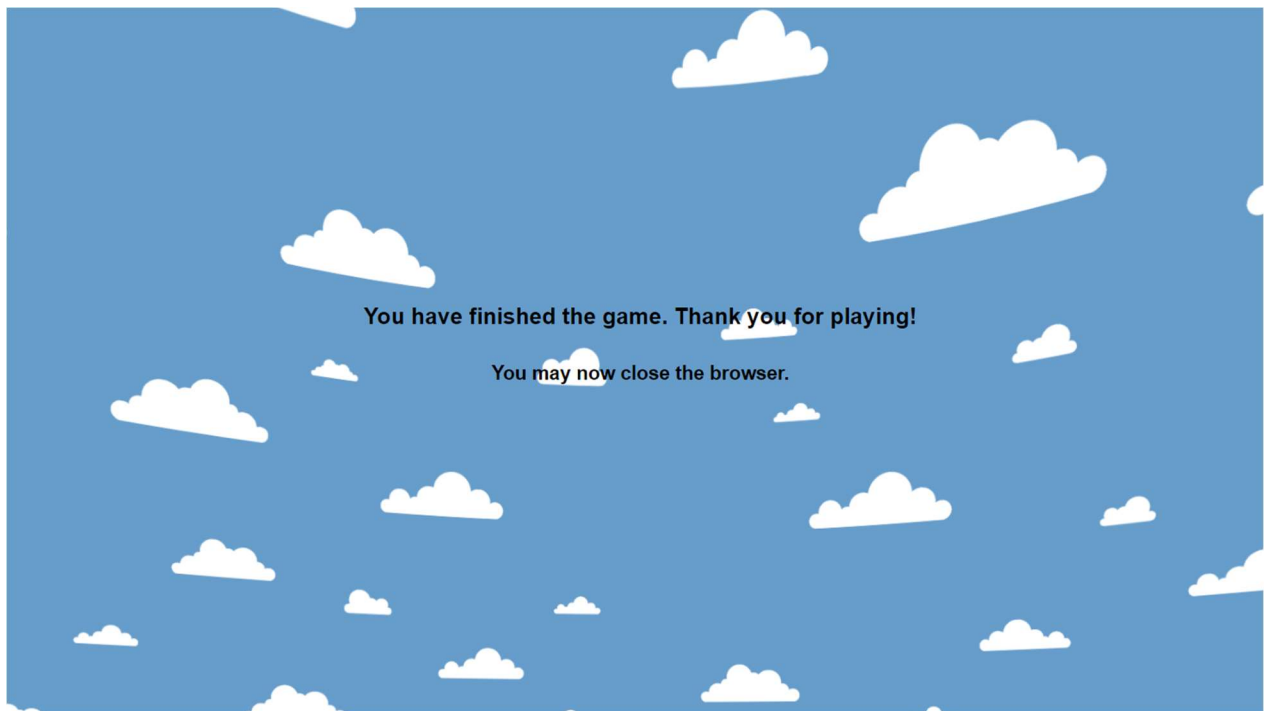


Once the ball is green, drag your mouse/finger in the direction you want the ball to move.

11. If the ball misses the play button, you will see “Missed” with a sad face. Try again on the next trial to hit the play button.



12. This game has two blocks. After you complete both blocks, you are finished with the game! You can close out of the web browser once you are finished. Remember to email the experimenter that you have completed the game!



Troubleshooting: What to Do If...

I want to change my input device

The game is adjusted based on the selection of device on the second page of the game. If the participant wants to use a different device after the submitting the participant information, the game will need to be re-started from the beginning. To do this, reload the game from the original link provided by the experimenter and follow steps 1-5 as before. Type in the subject ID exactly as provided. Be sure to change the input device when re-entering the information. Proceed to the rest of the game as before.

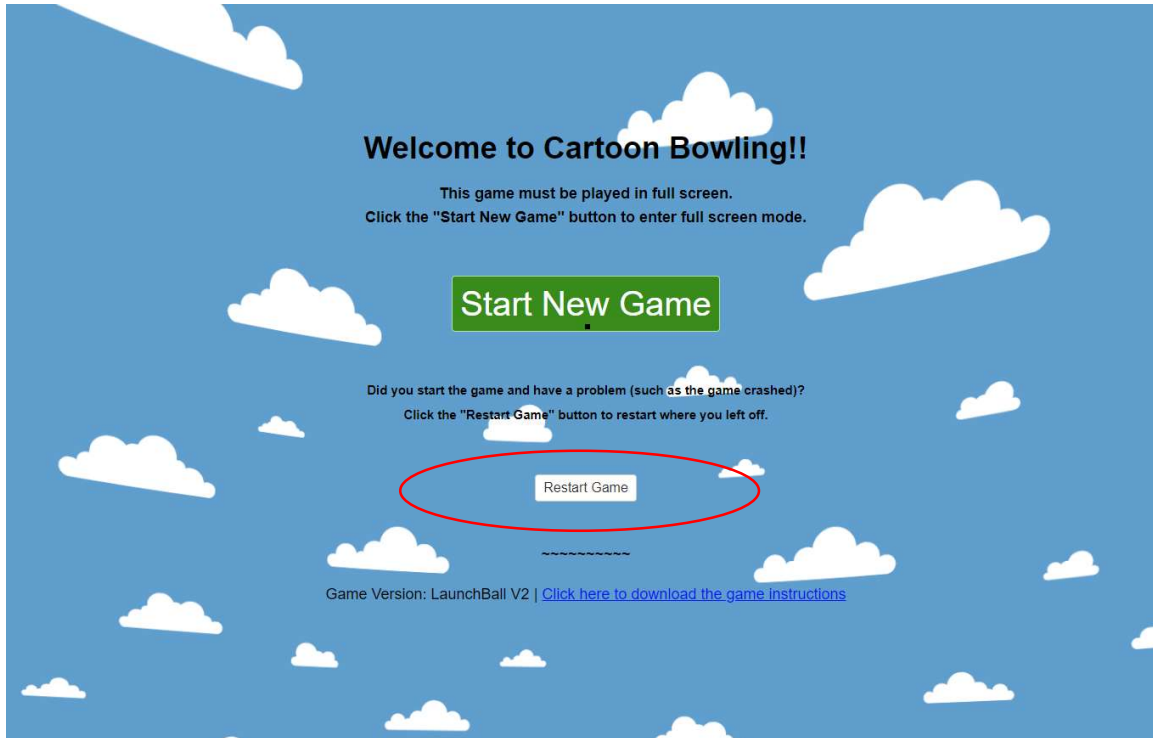
The game existed out of full screen

Sometimes, due to other things going on in the background on the computer, the game may exit out of full screen while you are playing it. If this happens, you DO NOT need to quit the game and re-start. You will see the following window with the option to re-enter full screen to continue the game. Click the green “Continue Game” button to keep playing the game.

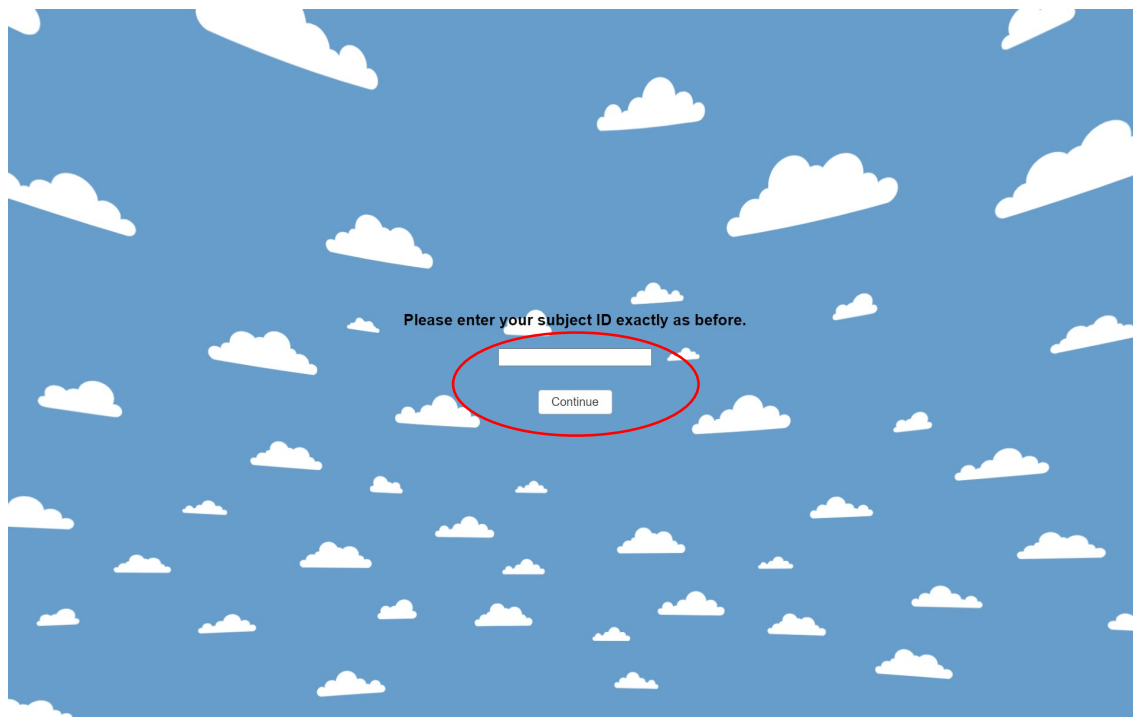


The program crashed OR I needed to close the program before completing the game

Please try to complete the game all at one time. However, if the program crashes or you have to close the program in the middle of the game, you can upload the data to restart from where you left off. You will need to use the same input device as on your previous try. To do this, refresh the web browser and click the “Restart Game” button on the home page.



The next page will allow you to enter your subject ID to retrieve your data. Please enter the subject ID exactly as before and click the “Continue” button.



If successful, there will be an option to continue the game where you stopped. If your data are not able to be uploaded, you will be taken back to the home page. You can try to enter your subject ID again in case you made an error the first time OR you can start the game over from the beginning. Please contact the experimenter if you have questions.

