

**HomeRUN Role Playing Game (RPG) for supporting  
Conservation of Food, Energy, Water (FEW) Resources for Households**



Hello. Welcome to our game, HomeRUN (Role-playing for Understanding Nexus), where you are a regular citizen living your life and making decision about how to spend your time and money.

The objective of game is to better understand consumption behaviors and provide information to support efforts for conserving food, energy, and water resources at home. Designing interventions for conserving the food, energy, and water nexus at household level poses a significant challenge due to the complex interplay between human behaviors, technologies, and policies. Role-paying games (RPGs) show potential to increase awareness for environmental issues and influence behaviors towards more sustainable practices.

Reference: Agusdinata, D. B., & Lukosch, H. (2019). Supporting interventions to reduce household greenhouse gas emissions: A transdisciplinary role-playing game development. *Simulation & Gaming*, 50(3), 359-376. <https://doi.org/10.1177%2F1046878119848135>

You can view a short video to get a sense of some features of the RPG:  
<https://drive.google.com/open?id=1JpYanBHL8Ec5of8HR3p1mcUffHmw7VK8>

Thank you for your time and consideration.

**Troubleshooting**

- Depending on your internet speed, it may take a few minutes for the game to load.
- If for some reasons the page does not proceed please refresh the page
- If you by accident close the window, please start over by going back to step 1.  
Skip the pre-survey if you have submitted it once. Scroll down to the end of the page and click on 'Continue to HomeRun Game Tutorial' to continue
- The Green buttons that take you to the next step are always at the bottom of the page, you must **scroll down** to see them.

If you face any problem during this process, please send an email to: [bagusdin@asu.edu](mailto:bagusdin@asu.edu) for trouble shooting.

## Gameplay Instructions

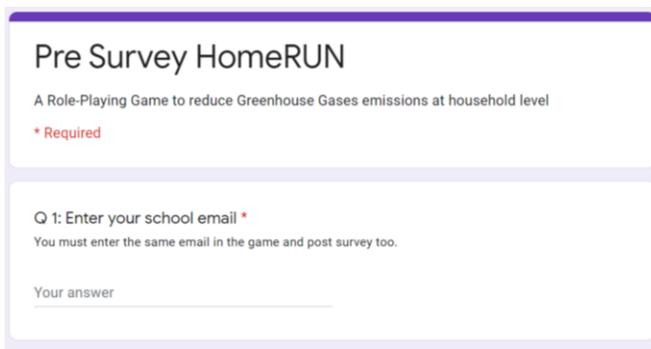
Please follow these instructions

- 1) The first thing to do is to please follow this link: <https://tinyurl.com/asurpgru>
- 2) Push the “continue to presurvey” button.

Continue to PreSurvey

This page tells you about the benefits of participating in this study. If you consent, please check yes.

- 3) Please enter **your school email**. Your school email should be provided each time you are asked for. Proceed to answer the rest of the questions to the best of the ability.



Pre Survey HomeRUN

A Role-Playing Game to reduce Greenhouse Gases emissions at household level

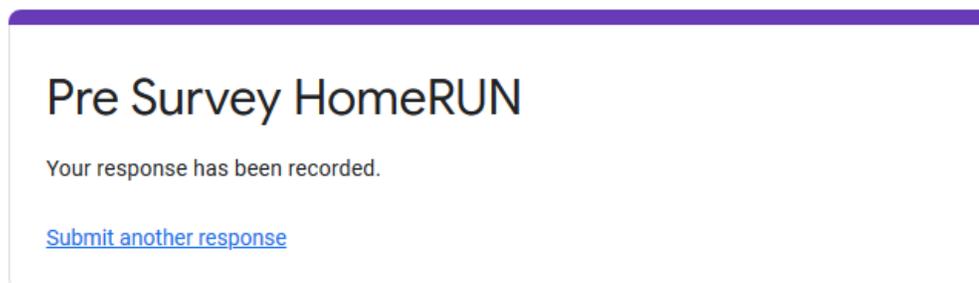
\* Required

Q 1: Enter your school email \*

You must enter the same email in the game and post survey too.

Your answer

- 4) When you are done with the survey and press the submit button. If the survey is complete you will get the message that ‘Your response has been recorded’, otherwise it will take you to the unanswered questions question. For a completed survey you screen may appear white once you press, you need to **scroll up** to see the confirmation message.



Pre Survey HomeRUN

Your response has been recorded.

[Submit another response](#)

- 5) Now scroll down to click on the green button that appears at the bottom of the screen which reads “continue to homerun game tutorial.”

Continue to HomeRun Game Tutorial

- 6) Click the arrow to watch the tutorial video that will provide instructions that explain how to play the game.



- 7) Once you watch the tutorial video – hit the button to continue to play the homerun game.

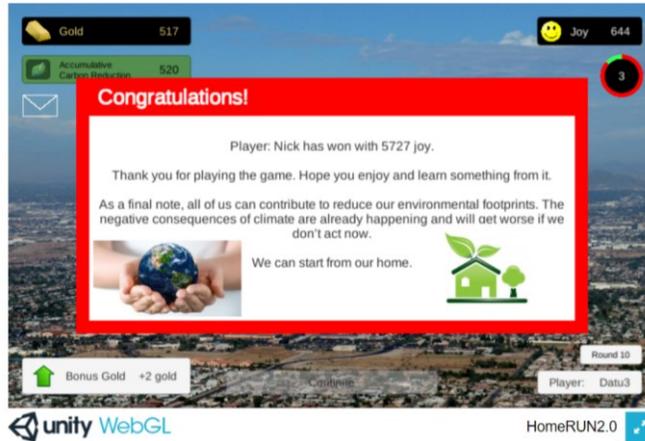
Continue to Play HomeRun Game

- 8) Enter **your school email address** and hit the **Play** button



**You will play 10 rounds at 90 seconds each.**

- 9) At the end of 10 rounds, you will see a summary of your game play. If you were playing in **full screen**, you need to minimize the game screen by going to the upper right corner and hitting the arrows that face each other or press the 'esc' key on the keyboard.



[Continue to Post Survey](#)

Then click on the continue to post-survey by clicking on this below the game screen

[Continue to Post Survey](#)

**10)** Enter your **school email** again.

Complete the questions and hit submit.

You are now done with this exercise. Thank you again.