Introduction!

Greetings citizens of Earth! This is Captain Air Control with an important message for you...

We're familiar with the current conditions in our atmosphere but greenhouse gas levels are increasing every year. Human activities will either raise the levels of greenhouse gases or contribute to re-balancing our atmosphere. As Earth's citizens, your actions in this game will determine the fate of our atmosphere. Review the rules and good luck!



Set Up

1

Lay out the playing board with Round 1 face-up in the middle of the group.

Round 1: Today

Stack the red Human Activity Cards face down next to the game board.

5

6

4

Human Activity

Arrange the 4 double-sided square Atmosphere Tiles on the board with the blue sides facing up. The numbers on the board should match the numbers on the Atmosphere Tiles.



Stack the blue Human Activity Cards face down next to the game board. Human Activity Place the Temperature Tracker next to the game board.

> Set the wooden Earth Token at the starting position on the Temperature Tracker where it says, "Start Here."



How to Play?

How to Win?

The Greenhouse is a game about greenhouse gases and our atmosphere. The team that survives the longest wins. To survive, your team must prevent the Earth Token from reaching the top of the Temperature Tracker. In this game, everyone on your team wins together or loses together. Are you up for the challenge?!



- **1** Select one player to be the first Investigator. The Investigator takes the Investigator Sheet and reads the message from Captain Air Control to the rest of the team.
- 2 The Investigator starts the game by rolling both dice.
- 3 Add the values of the two dice you rolled. If this value lands you on a red space, move the Earth Token up one space on the Temperature Tracker.
- 4 However, if the added dice value lands on a blue space, move the Earth Token down one space on the Temperature Tracker.
- 5 If the added dice value lands on a flippable tile (4, 5, 7, 9), draw a Human Activity Card:
 - If the tile is **BLUE**, draw a card from the **RED** deck and flip the tile to **RED**.
 - If the tile is **RED**, draw a card from the **BLUE** deck and flip the tile to **BLUE**.
- 6 Pass the dice to the next player. The next player starts their turn by rolling both dice and following steps 3 6.

Ending a Round

The game round is complete when the Earth Token reaches the top of the Temperature Tracker. When this happens, the last player that rolled the dice becomes the Investigator and reads the questions for the game round to the rest of the team. The Investigator records the group answers on the Investigator Sheet.





Summary

1

Roll the dice!

2 Check what color the dice landed on and adjust the Temperature Tracker.

If the dice landed on a flippable tile, draw a Human Activity Card and flip the tile.

4

3

When the Earth Token reaches the top of the Temperature Tracker, the round is complete.

5 Have fun and see how long your team can survive!

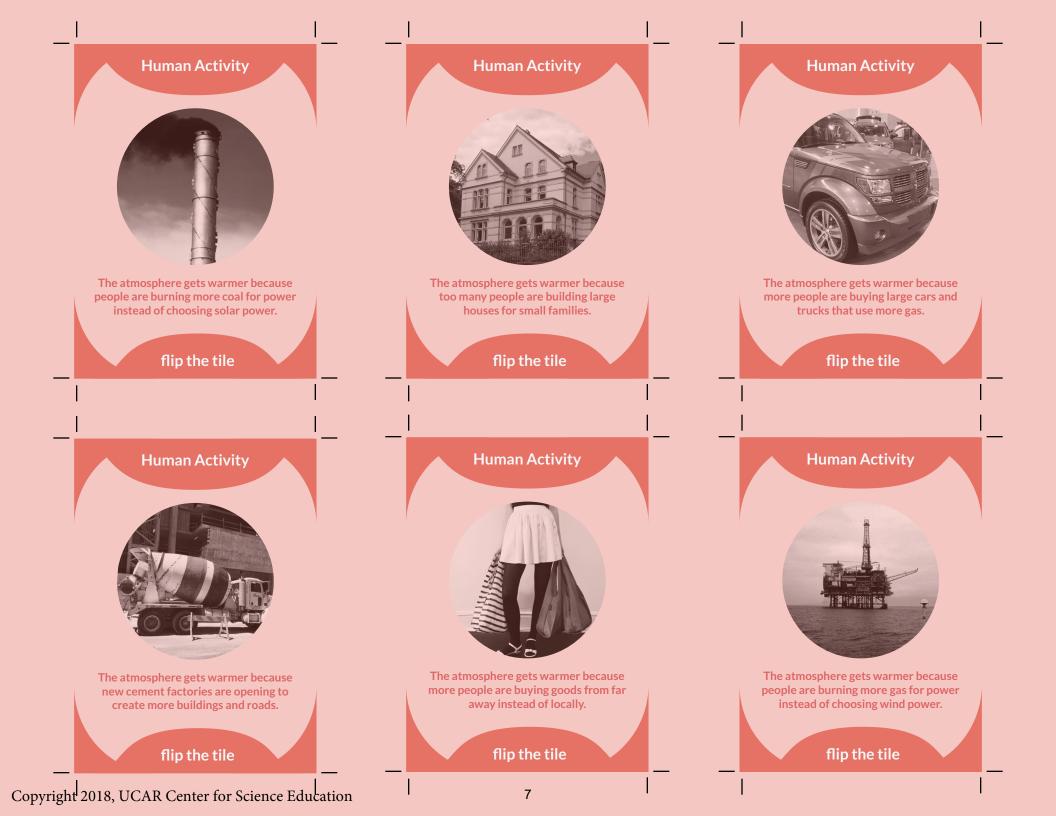


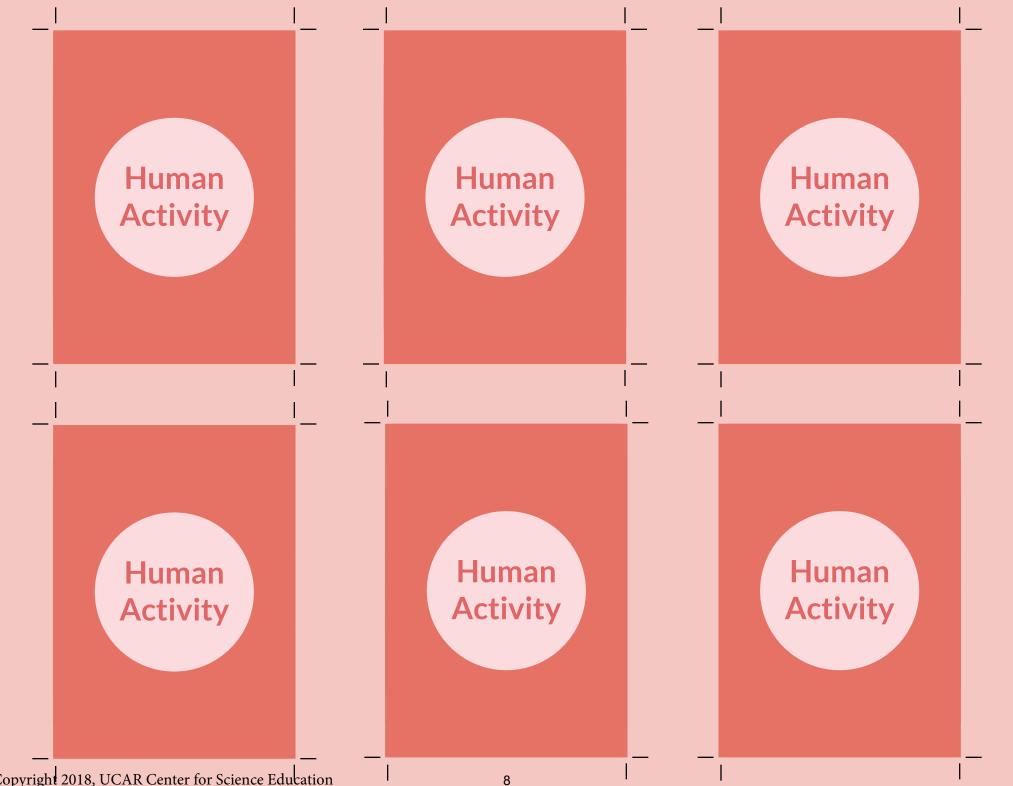
The Greenhouse

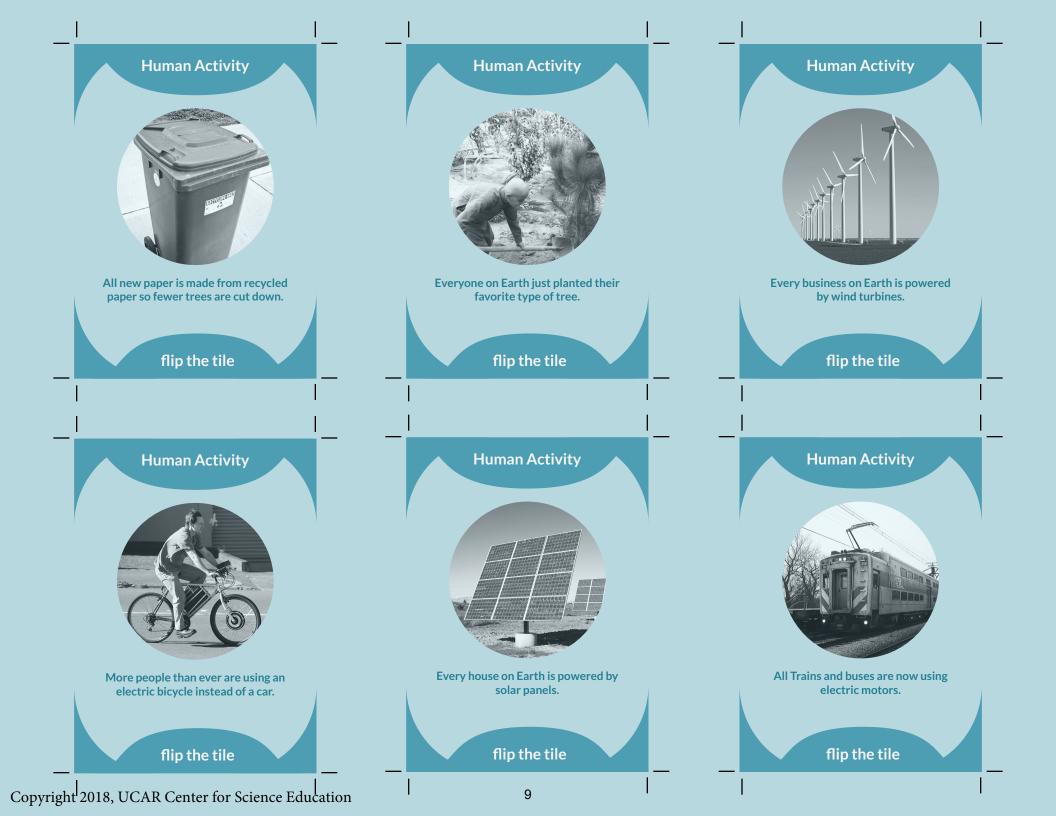
a game about greenhouse gases and our atmosphere

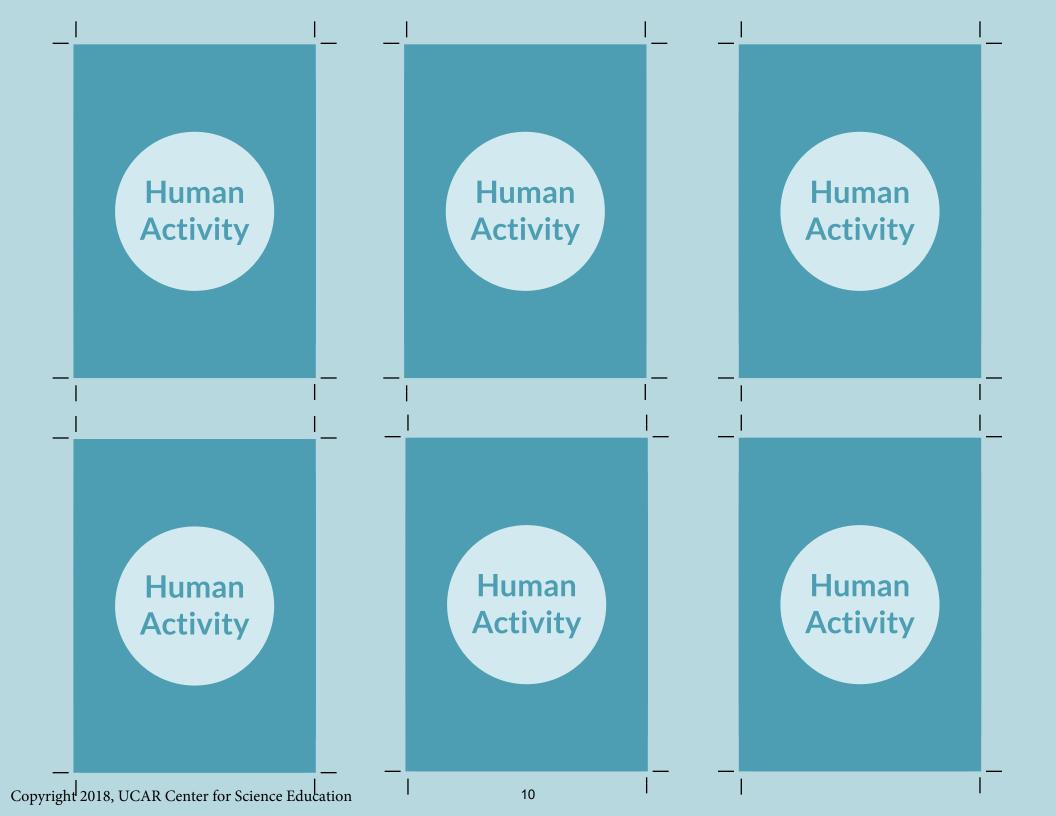
Round 2: Near Future







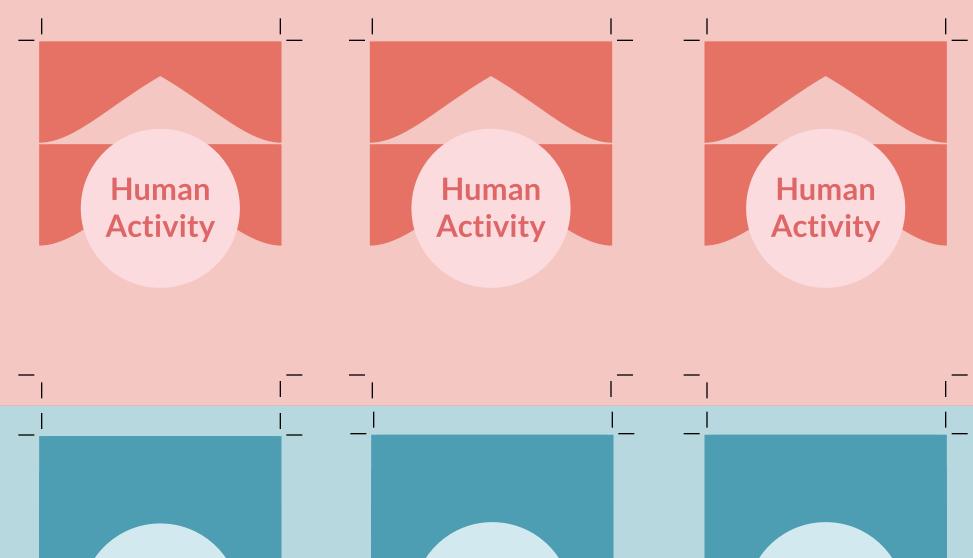






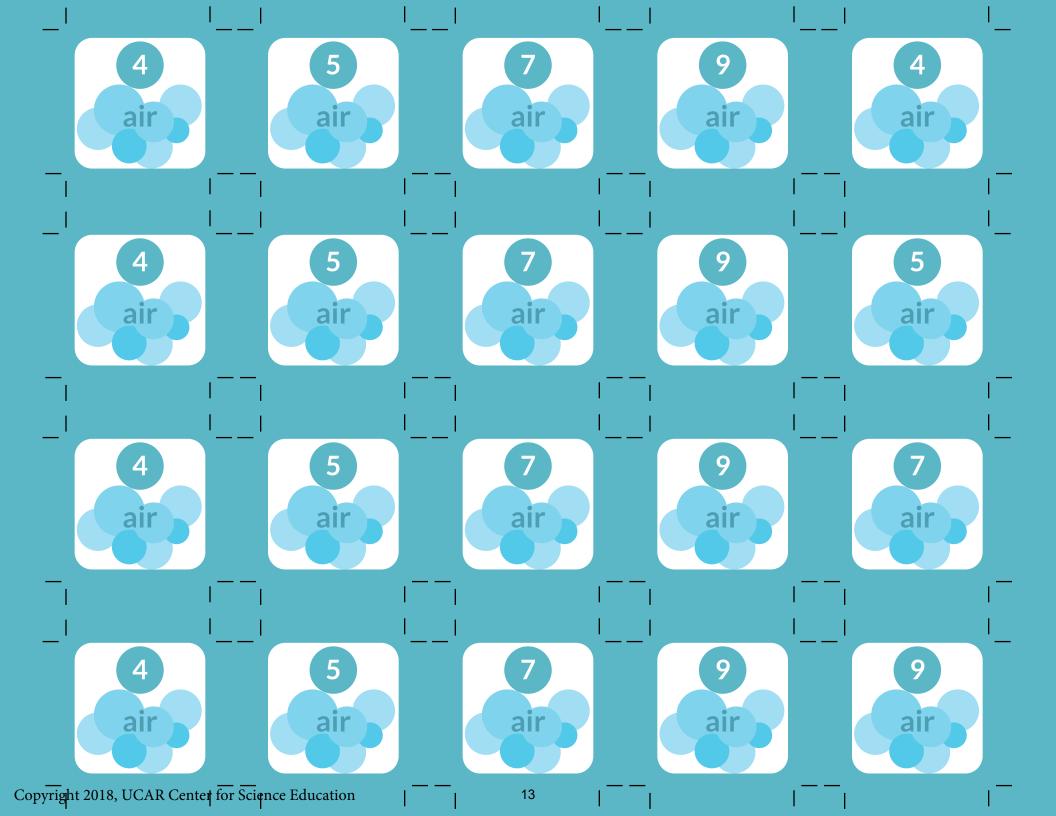
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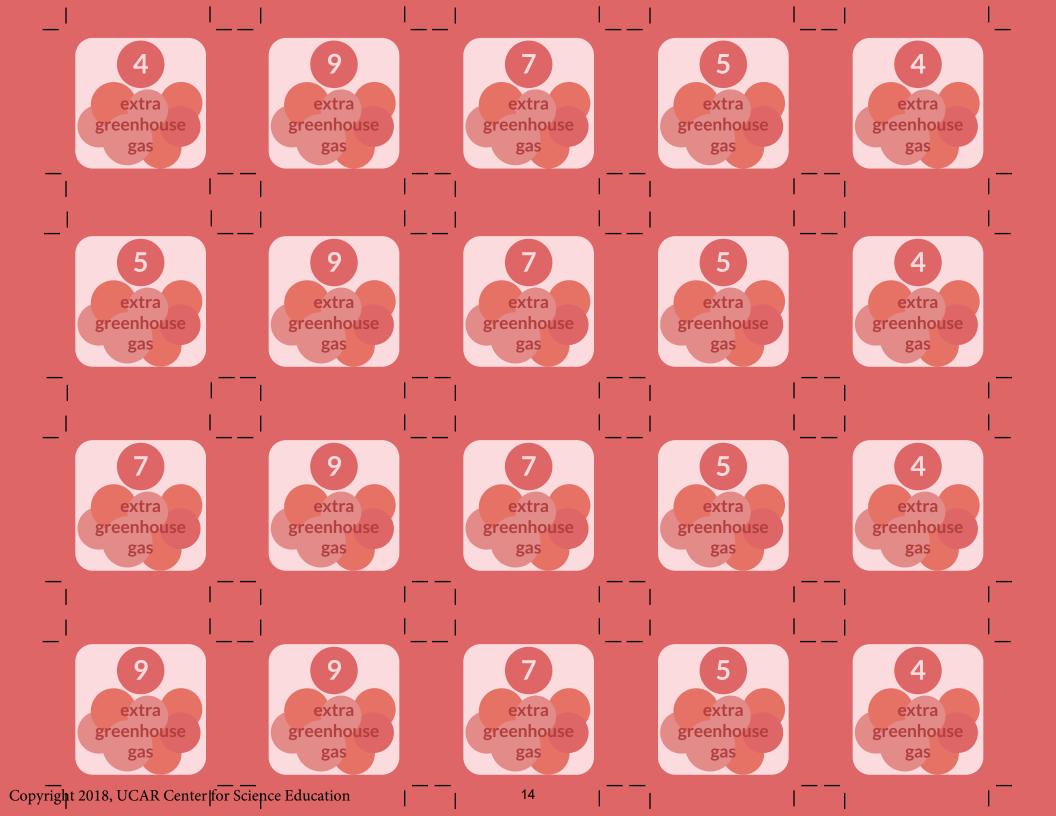
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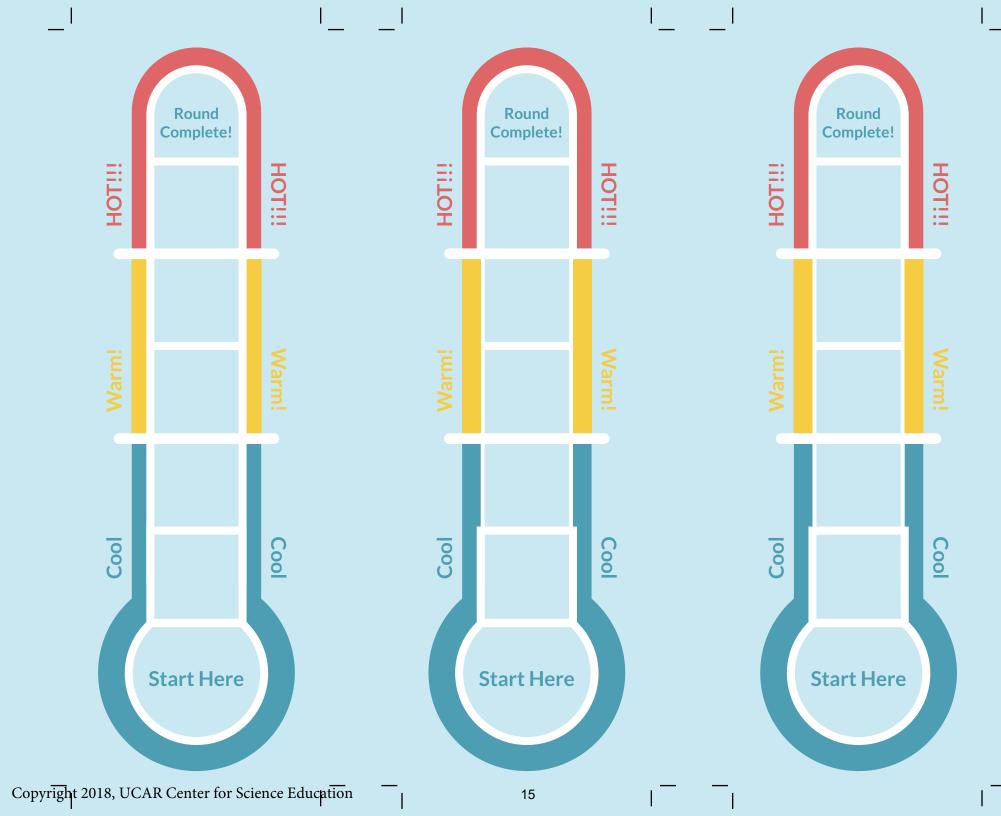


Human Activity Human Activity

Human Activity

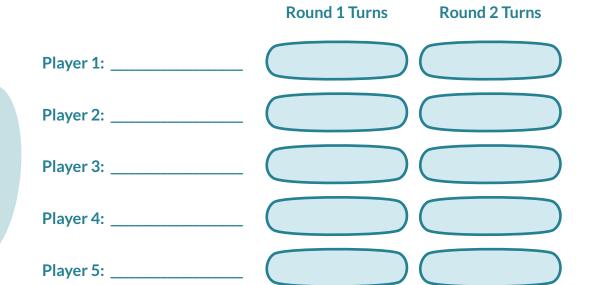






Inspector Sheet

Greetings Inspector! It's time to take a closer look at what's going on in our atmosphere. As you play each round, use the tally-boxes on the right to keep track of the number of turns you took in each round of the game. You can get started by filling in each player's name next to their tally boxes on the right!



Round 1

Inspector's Name _____

About how many turns did your group take before the Earth Token reached the top of the Temperature Tracker?

What happened to the atmosphere over the course of this round?

Round 2

Inspector's Name _____

About how many turns did your group take before the Earth Token reached the top of the Temperature Tracker?

What was the difference between this round and the first round?

