

Survivor: the chicken edition

Worksheet instructions

1. **Initial setup:** Fill out the initial setup section with your starting environment and chicken traits. Each chicken starts with 10 survival points.
2. **Gameplay rounds:** For each round, document the event card drawn, actions taken (moving, breeding chickens, homestead), survival points, and the survival check.
3. **Summary after each round:** Reflect on the challenges, adaptations, and strategies.
4. **End of game summary:** At the end of the game, summarize your final chicken population, the least and most successful traits, and lessons learned about natural selection, selective breeding, environmental impact, and genetic traits.

Game setup

INITIAL SETUP

Starting environment (*circle one*): forest farm desert wetland

INITIAL TRAITS

Trait 1: _____

- Effects:
- Forest:
- Farm:
- Desert:
- Wetland:

Trait 2: _____

- Effects:
- Forest:
- Farm:
- Desert:
- Wetland:

Gameplay rounds

Round		1	2	3	4	5	6
Actions	Homestead						
	Environment (circle one)	• Forest • Farm • Desert • Wetland	• Forest • Farm • Desert • Wetland	• Forest • Farm • Desert • Wetland	• Forest • Farm • Desert • Wetland	• Forest • Farm • Desert • Wetland	• Forest • Farm • Desert • Wetland
	Breed						
	Trait 1						
	Trait 2						
	Trait 3						
Event	Effect						
	Loss of diversity						
Tokens	Chicken						
	Forest						
	Farm						
	Desert						
	Wetland						

End of game summary

FINAL CHICKEN POPULATIONS

- Forest:
- Farm:
- Desert:
- Wetland:

LEAST SUCCESSFUL TRAITS

- 1.
- 2.

MOST SUCCESSFUL TRAITS

- 1.
- 2.

LESSONS LEARNED

- How did selective breeding affect your chicken population?
- What environmental factors had the biggest impact?
- How did genetic traits influence survival and reproduction?
- Which loss of diversity method did your group experience most?