



# ICE LAND

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**Game Type:** Survival / Battle Royale

**Platform:** HTML5 / LED Floor

**Players:** 1 Human + 1-3 AI Bots

**Grid Size:** 6 x 10 (60 tiles)

**Ice Break Time:** 1.5 seconds

## 1. Game Overview

Ice Land is a survival game where players stand on melting ice tiles. When you step on an ice tile, it begins to crack and will break after 1.5 seconds. The last player standing wins! Compete against AI bots in this intense battle for survival.

## 2. Flow: How to Start the Game

**Step 1:** Open the game (Ice Land.html)

**Step 2:** Select number of opponents (AI Bots):

- 2 Players (You + 1 Bot)
- 3 Players (You + 2 Bots)
- 4 Players (You + 3 Bots)

**Step 3:** Click "START GAME" button

**Step 4:** Countdown 3-2-1 begins

**Step 5:** Game starts! Survive on the ice!

## 3. Controls

Action	Primary Keys	Alternative Keys
Move Up	<b>W</b>	<b>Arrow Up (↑)</b>
Move Down	<b>S</b>	<b>Arrow Down (↓)</b>
Move Left	<b>A</b>	<b>Arrow Left (←)</b>
Move Right	<b>D</b>	<b>Arrow Right (→)</b>
Jump (Stay on tile longer)	<b>SPACE</b>	

## 4. Ice Tile Mechanics

### 4.1 Tile States

State	Appearance	Description
Solid Ice	Bright blue, shiny	Safe to stand on - no one has stepped here yet
Cracking Ice	White cracks appearing	Someone stepped here - will break in 1.5 seconds!
Broken Ice	Dark hole (water)	DANGER! Falling here = elimination!

## Ice Breaking Rules

- When you step on a tile, it starts cracking
- After 1.5 seconds, the tile breaks and becomes water
- Broken tiles never come back!
- The arena gets smaller over time

## 5. How to Play

1. Start on your designated ice tile
2. Move around to avoid standing still (ice breaks!)
3. Watch out for cracking tiles - don't fall!
4. Try to corner your opponents into dangerous areas
5. Last player on solid ice wins!

## 6. AI Bot Behavior

- Bots move intelligently to avoid broken ice

- They try to stay in areas with more solid ice
- Higher player counts = more challenging (less safe space)
- Bots can make mistakes - use this to your advantage!

## 7. Win & Lose Conditions

### Win Condition

Be the last player standing on solid ice!

### Lose Condition

Fall into the water (step on broken ice) = You're eliminated!

## 8. Game End Screen

**Win:** "VICTORY!" with celebration animation

**Lose:** "GAME OVER" with your placement (2nd, 3rd, 4th)

**Stats:** Survival time, tiles visited

**Options:** "Play Again" or "Back to Menu"

### Survival Tips

- Don't stay in one place - keep moving!
- Plan your escape route 2-3 moves ahead

- Use SPACE to jump and buy extra time on cracking ice
- Try to trap bots in corners
- Stay near the center - edges are death traps!