

Imagine that you are in the Arctic, it is summertime and air temperatures are at an alltime high. The warm sun and air are causing giant icebergs to melt. Play this game to discover how fast icebergs melt through a process called positive feedback.

How To Play The Game!
















Step 1: Create an iceberg! Use as many hexagon ice pieces as you want to fill in the shapes on the game board.

Step 2: Count the number of shapes where the ocean is exposed.

Step 3: Roll the dice. Multiply this number by the number of shapes where the ocean is exposed on the game board. (For Example: if you roll a 5 and there are 15 open spaces on the board $5 \times 15 = 75$).

Step 4: Use this number and the chart on the game board to determine how many ice pieces to remove from the game board. Remove the melting ice pieces. (For Example: if your number is 75, you remove 2 ice pieces).

Step 5: Another warm week continues to melt the ice. Roll the dice and take another turn. Remember that as the ice sheet melts and more ocean is exposed this causes a **positive feedback**, which results in higher melting rates. How many weeks will it take till the iceberg is all gone?

Roll Score	Remove this many ice shapes
1-50	1 
51-100	2  
101-150	3   
151-200	4    
201-250	5     
251-300	6 