	_	h Daard Daar	Tua aldu	A4!!4									
		h Deer! Reso		-									
	It's mo	re fun to use real dice, but if	you don't have any: https	s://www.random.org/dice/									
	ROUN	D ONE				your 20 deer and		ROUI	ND ONE				
	Resourc	e Chosen		the deer and 1 of	lice to the resour	d assign 1 dice to ces, or simply roll		Resour	rce Chosen		Horo in an avama	le of a filled in cha	art for Ro
eer 1	2 (food)	5 (shelter)	Resource 1			s for the deer and columns B and C	Deer 1	2 (food)	5 (shelter)	Resource 1	nere is all examp	One	aitioi Ru
er 2	6 (shelter)	6 (shelter)	Resource 2		t is rolled and wh	nat resource that	Deer 2	6 (shelter)	6 (shelter)	Resource 2			
er 3	5 (shelter)	2 (food)	Resource 3		represents.		Deer 3	5 (shelter)	2 (food)	Resource 3			
er 4			Resource 4	Roll	a 1 or a 2:	Food	Deer 4	1 (food)	1 (food)	Resource 4			
er 5			Resource 5				Deer 5	3 (water)	3 (water)	Resource 5			
er 6			Resource 6	Roll	a 3 or a 4: l	Water	Deer 6	2 (food)	6 (shelter)	Resource 6			
er 7			Resource 7				Deer 7	4 (water)	2 (food)	Resource 7			
er 8			Resource 8	Roll	a 5 or a 6: S	Shelter	Deer 8	5 (shelter)	6 (shelter)	Resource 8			
er 9			Resource 9				Deer 9	4 (water)	3 (water)	Resource 9			
er 10			Resource 10				Deer 10	6 (shelter)	5 (shelter)	Resource 10			
er 11			Resource 11				Deer 11	1 (food)	2 (food)	Resource 11			
er 12			Resource 12				Deer 12	5 (shelter)	4 (water)	Resource 12			
er 13			Resource 13				Deer 13	1 (food)	6 (shelter)	Resource 13			
er 14			Resource 14				Deer 14	1 (food)	1 (food)	Resource 14			
er 15			Resource 15				Deer 15	3 (water)	3 (water)	Resource 15			
er 16			Resource 16				Deer 16	4 (water)	1 (food)	Resource 16			
er 17			Resource 17				Deer 17	5 (shelter)	5 (shelter)	Resource 17			
eer 18			Resource 18				Deer 18	2 (food)	3 (water)	Resource 18			
eer 19			Resource 19				Deer 19	3 (water)	3 (water)	Resource 19			
eer 20			Resource 20				Deer 20	3 (water)	3 (water)	Resource 20			
	POLIA	D ONE						POLI	ND ONE				
		e Chosen							rce Chosen				
er 1	2 (food)	5 (shelter)	Resource 1				Deer 1	2 (food)	5 (shelter)	Resource 1			
er 2	6 (shelter)	6 (shelter)	Resource 2	Stop 2 appa va	ilio completed th	he rolls and all 20	Deer 2	6 (shelter)	6 (shelter)	Resource 2			
er 3	5 (shelter)	2 (food)	Resource 3	deer and resor	rces have been	assigned (food,	Deer 3	5 (shelter)	2 (food)	Resource 3			
er 4	1 (food)	1 (food)	Resource 4			e matches! You ul to just go down	Deer 4	1 (food)	1 (food)	Resource 4			
er 5	3 (water)	3 (water)	Resource 5			each deer with a	Deer 5	3 (water)	3 (water)	Resource 5			
er 6	2 (food)	6 (shelter)	Resource 6			rce it matched to.	Deer 6	2 (food)	6 (shelter)	Resource 6			
er 7	4 (water)	2 (food)	Resource 7	line, next to the	Bold and Italicize	funny "S" with a buttons up there	Deer 7	4 (water)	2 (food)	Resource 7			
eer 8	5 (shelter)	6 (shelter)	Resource 8	^^^) On the right	is my finished p	rocess, and in this	Deer 8	5 (shelter)	6 (shelter)	Resource 8			
eer 9	4 (water)	3 (water)	Resource 9	example,	I found 19 matcl	nes. WOW!	Deer 9	4 (water)	3 (water)	Resource 9			
er 10	6 (shelter)	5 (shelter)	Resource 10				Deer 10	6 (shelter)	5 (shelter)	Resource 10			
er 11	1 (food)	2 (food)	Resource 11				Deer 11	1 (food)	2 (food)	Resource 11			
er 12	5 (shelter)	4 (water)	Resource 12				Deer 12	5 (shelter)	4 (water)	Resource 12			
er 13	1 (food)	6 (shelter)	Resource 13				Deer 13	1 (food)	6 (shelter)	Resource 13			
er 14	1 (food)	1 (food)	Resource 14				Deer 14	1 (food)	1 (food)	Resource 14			
er 15	3 (water)	3 (water)	Resource 15				Deer 15	3 (water)	3 (water)	Resource 15			
er 16 er 17	4 (water) 5 (shelter)	1 (food) 5 (shelter)	Resource 16 Resource 17				Deer 16 Deer 17	4 (water) 5 (shelter)	1 (food) 5 (shelter)	Resource 16 Resource 17			
er 17 er 18	5 (sneiter) 2 (food)	5 (sneiter) 3 (water)	Resource 17 Resource 18				Deer 17 Deer 18	2 (food)	5 (sneiter)	Resource 17 Resource 18			
er 18 er 19	2 (1000) 3 (water)	3 (water)	Resource 19				Deer 19	3 (water)	3 (water)	Resource 19			
er 20	3 (water)	3 (water)	Resource 20				Deer 19	3 (water)	3 (water)	Resource 20			
	- (110101)	C (mater)					500. 20	3 ()	o (mater)				

What next? Getting 19 matches means that out of our original 20 deer, 19 got the resources they needed to survive, and only 1 did not. The 19 deer who found the resources they needed not only survive, but also reproduce, growing the herd. The 1 deer that did not get the resource it needed will die. As its body decomposes, it will become new resources for the forest! #NutrientCycling!

I				-	•						•		
		ID TWO											
	Resource	ce Chosen											
Deer 1 Deer 2			Resource 1 Resource 2										
Deer 3			Nesource 2										
Deer 4													
Deer 5													
Deer 6													
Deer 7													
Deer 8 Deer 9													
Deer 10													
Deer 11	Before we start rolling for	or Round Two, notice how											
Deer 12	there are far more deer	than resources this time hink that will mean for our											
Deer 13	deer population? Before	re scrolling down, make a											
Deer 14	hypothesis in yo	our nature journal.											
Deer 15 Deer 16													
Deer 17													
Deer 18													
Deer 19													
Deer 20													
Deer 21													
Deer 22 Deer 23													
Deer 24													
Deer 25													
Deer 26													
Deer 27													
Deer 28													
Deer 29 Deer 30													
Deer 31													
Deer 32													
Deer 33													
Deer 34													
Deer 35													
Deer 36 Deer 37													
Deer 38													
	ROUN	ID TWO						ROU	JND TWO				
		ce Chosen							urce Chosen		Because there	were only 2 reso	ources, of course
Deer 1	1 (food)	5 (shelter)	Resource 1	Now that you'v	e made your hypo	othesis, go ahead	Deer 1	1 (food)	5 (shelter)		only 2 of the de with 2 survivin	er could get them g deer in Round	n and survive. So, Two, we have 36
Deer 2 Deer 3	4 (water) 3 (water)	5 (shelter)	Resource 2	and roll and fill	I-in your data for I	Round Two Deer	Deer 2 Deer 3	4 (water) 3 (water)	5 (shelter)	Resource 2	dead deer. Th	nat means going i	nto Round Three
Deer 3 Deer 4	2 (food)				and Resources	· -	Deer 4	2 (food)			we will have 4 d 36 resources (no leftovers, and	 their babies) and decomposing
Deer 5	3 (water)						Deer 5	3 (water)				dead deer.)	. •
Deer 6	4 (water)						Deer 6	4 (water)					
Deer 7	1 (food)						Deer 7	1 (food)					
Deer 8	6 (shelter)						Deer 8	6 (shelter)					
Deer 9	3 (water)			Optional Hint:	To save time and	make it easier on	Deer 9	3 (water)					
Deer 10 Deer 11	5 (shelter)			yourself, whe	n you have less to If the dice to fill to	han ~10 deer or	Deer 10 Deer 11	5 (shelter)					
Deer 12				have less of	first (in this case	resources), and	Deer 12						
Deer 13					pposite column u makes it so you d	ntil matches are on't spend a lot of	Deer 13						
Deer 14				time rolling dice	for deer that will	definitly not get a	Deer 14						
Deer 15				resource or for	chosen.	ill definitly not be	Deer 15						
Deer 16							Deer 16						
Deer 17							Deer 17						

eer 18						Deer 18				
eer 19						Deer 19				
eer 20						Deer 20				
Deer 21						Deer 21				
Deer 22						Deer 22				
eer 23						Deer 23				
Deer 24						Deer 24				
eer 25						Deer 25				
eer 26						Deer 26				
eer 27						Deer 27				
eer 28						Deer 28				
eer 29						Deer 29				
eer 30						Deer 30				
eer 31						Deer 31				
eer 32						Deer 32				
eer 33						Deer 33				
er 34						Deer 34				
er 35						Deer 35				
er 36						Deer 36				
eer 37						Deer 37				
eer 37 eer 38										
er 38						Deer 38				
	ROUND TH	REE					ROUND	THREE		
	Resource Cho	sen			,		Resource	e Chosen		
er 1	3 (water)	1 (food)	Resource 1			Deer 1	3 (water)	1 (food)	Resource 1	
er 2	1 (food)	2 (food)	Resource 2			Deer 2	1 (food)	2 (food)	Resource 2	
er 3				In Round Three	e, there was an abundance of					
	4 (water)	3 (water)	Resource 3	resources in our	ecosystem, so all of the deer got ed. Round Four will start with 8	Deer 3	4 (water)	3 (water)	Resource 3	
r 4	5 (shelter)	4 (water)	Resource 4		ne remaining 32 resources.	Deer 4	5 (shelter)	4 (water)	Resource 4	
		5 (shelter)	Resource 5	,				5 (shelter)	Resource 5	
	Resource 6								Resource 6	
	^^^ I filled my deer Resource 7								Resource 7	
	column first, because		Resource 8						Resource 8	
	there were only 4 deer (less than 36 column	filled my resource	Resource 9						Resource 9	
		nn second, keeping of my deer column	Resource 10						Resource 10	
		es in my head, and	Resource 11						Resource 11	
	onl	y rolling until I've								
	ma	tched them all.	Resource 12						Resource 12	
			Resource 13						Resource 13	
									Resource 14	
			Resource 14						Resource 15	
			Resource 14 Resource 15							
									Resource 16	
			Resource 15 Resource 16						Resource 16	
			Resource 15 Resource 16 Resource 17						Resource 16 Resource 17	
			Resource 15 Resource 16 Resource 17 Resource 18						Resource 16 Resource 17 Resource 18	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19						Resource 16 Resource 17 Resource 18 Resource 19	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 22 Resource 23	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 23						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 23	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 24 Resource 25						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 22 Resource 24 Resource 24 Resource 25	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 24 Resource 25 Resource 26						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 21 Resource 22 Resource 23 Resource 24 Resource 25 Resource 25 Resource 26	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 24 Resource 25 Resource 26 Resource 26 Resource 27						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 21 Resource 22 Resource 23 Resource 24 Resource 25 Resource 26 Resource 26 Resource 27	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 25 Resource 25 Resource 26 Resource 27 Resource 27 Resource 28						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 22 Resource 23 Resource 24 Resource 25 Resource 26 Resource 26 Resource 27 Resource 27 Resource 28 Resource 29						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 24 Resource 25 Resource 26 Resource 27 Resource 28 Resource 28 Resource 28	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 25 Resource 25 Resource 26 Resource 27 Resource 27 Resource 28						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 22 Resource 23 Resource 24 Resource 25 Resource 26 Resource 26 Resource 27 Resource 27 Resource 28 Resource 29						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 24 Resource 25 Resource 26 Resource 27 Resource 28 Resource 28 Resource 28	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27 Resource 27 Resource 28 Resource 29 Resource 30 Resource 31						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 21 Resource 23 Resource 23 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27 Resource 27 Resource 28 Resource 29 Resource 30 Resource 30 Resource 31	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 25 Resource 25 Resource 26 Resource 27 Resource 27 Resource 29 Resource 29 Resource 30 Resource 31 Resource 31						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27 Resource 28 Resource 29 Resource 30 Resource 31 Resource 31	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 21 Resource 23 Resource 24 Resource 25 Resource 25 Resource 26 Resource 27 Resource 27 Resource 27 Resource 30 Resource 30 Resource 31 Resource 32 Resource 32 Resource 32 Resource 32						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27 Resource 28 Resource 29 Resource 30 Resource 31 Resource 32 Resource 32 Resource 32 Resource 32 Resource 33	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27 Resource 28 Resource 29 Resource 30 Resource 31 Resource 31 Resource 31 Resource 32 Resource 32 Resource 33 Resource 33 Resource 34						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 22 Resource 24 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27 Resource 28 Resource 29 Resource 30 Resource 31 Resource 31 Resource 33 Resource 33 Resource 33	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 21 Resource 23 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27 Resource 28 Resource 29 Resource 30 Resource 31 Resource 31 Resource 32 Resource 32 Resource 33 Resource 34 Resource 34						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 21 Resource 23 Resource 23 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27 Resource 27 Resource 30 Resource 31 Resource 31 Resource 31 Resource 31 Resource 34 Resource 34 Resource 34	
			Resource 15 Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 23 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27 Resource 28 Resource 29 Resource 30 Resource 31 Resource 31 Resource 31 Resource 32 Resource 32 Resource 33 Resource 33 Resource 34						Resource 16 Resource 17 Resource 18 Resource 19 Resource 20 Resource 21 Resource 22 Resource 22 Resource 24 Resource 24 Resource 25 Resource 26 Resource 27 Resource 27 Resource 28 Resource 29 Resource 30 Resource 31 Resource 31 Resource 33 Resource 33 Resource 33	

Now you take over!	Continue playing the game for at least 12 rd	ounds! Fill in your population no data sheet. Feel free to make	imbers on the "Data and these charts in your nati	Population Graph" ure journal if you wi	tab down below. sh, it does not ha	f you'd like to start fre	sh from your own Round Or omputer!	ne, use the "Blank Game" tab be	low for a fresh		
	ROUND FOUR										
	Resource Chosen										
Deer 1		Resource 1									
eer 2		Resource 2	Describe what	happened in this ro	und in this box or						
eer 3		Resource 3		in your nature journ							
eer 4		Resource 4									
eer 5		Resource 5									
eer 6		Resource 6									
eer 7		Resource 7									
eer 8		Resource 8									
		Resource 9									
		Resource 10									
		Resource 11									
		Resource 12									
		Resource 13									
		Resource 14									
		Resource 15									
		Resource 16									
		Resource 17									
		Resource 18									
		Resource 19									
		Resource 20									
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		Resource 24									
		Resource 25									
		Resource 26									
		Resource 27									
		Resource 28									
		Resource 29									
		Resource 30									
		Resource 31									
		Resource 32									
	ROUND FIVE										
	Resource Chosen										
eer 1		Resource 1									
eer 2		Resource 2									
eer 3		Resource 3									
eer 4		Resource 4									
eer 5		Resource 5									
Deer ?		Resource ?									

Oh D	Deer! Resource Trac	king Activity										
	to use real dice, but if you don't have any:											
	Oh Deer!											
	Roll 1&2: Food; 3&4: Water; 5&6	: Shelter										
	ROUND ONE	. Sileitei										
	Resource Chosen											
Deer 1	Resource Onosen	Resource 1	Step 1.	Roll and assign	resources (Food	Water Shelter) to	every Deer and Resource					
Deer 2		Resource 2	Step 2.				he strike-through button is the funi	ny "S" with a line next to the	Rold and Italicize but	ons un there ^^^)		
Deer 3		Resource 3	Step 3.							for their babies!) to determine sta	ting numbers for the r	next round
Deer 4		Resource 4	Step 4.				Population Graph" tab	5 ==== (=====gor to t	, , (, 15 2500011		. 5	
Deer 5		Resource 5		,			.,					
Deer 6		Resource 6										
Deer 7		Resource 7										
Deer 8		Resource 8										
Deer 9		Resource 9										
Deer 10		Resource 10										
Deer 11		Resource 11										
Deer 12		Resource 12										
Deer 13		Resource 13										
Deer 14		Resource 14										
Deer 15		Resource 15										
Deer 16		Resource 16										
Deer 17		Resource 17										
Deer 18		Resource 18										
Deer 19		Resource 19										
Deer 20		Resource 20										
	ROUND TWO											
	Resource Chosen											
Deer 1		Resource 1										
Deer 2		Resource 2										
Deer 3		Resource 3										
Deer 4		Resource 4										
Deer 5		Resource 5										
?		?										

Round	# of deer	# of resources		
	(at sta	rt of round)		
1	20	20	Oh	Deer!
2	38	2	OII	, been:
3	4	36		# of deer # of resources
4	8	32		
5				40
6				A
7				
8				
9			>	
10			i	30
11			λua	
12* play at least 12 rounds!			ation C	
13			Ind	/ \
14			Po	20
15			Deer // Resource Population Quantity	10
			Dee	
				0 2 4 6 8 10 12 14
				Round