Page #	Unit # Unit Title:	
Name:	Tonic:	western
Questions/Topics	Notes	
What is a	It is an that is designed to model the action in	
simulation?	a given situation.	-
When would we	We would want to use a simulation or when an event	
use a	would be to perform.	
simulation?		
		,
What do we use		
to conduct		
simulations?	3. 3. 3. 3. 3. 3. 3. 3.	
Simulations:	4,	
	5.	
Video Clip	http://stattrek.com/experiments/simulation.aspx	
Video Chp	Bull's Eye Simulation – just watch!!	
	Simulation flowchart	
Let's look at a	Step 1 Step 2 Step 3 Step 4	
flow chart of		
how to make a		
simulation.		
	no yes	
	<u>Step S</u>	
(
<u>. </u>		

Questions/Topics	Notes	
	Find the experimental probability that a student at your school would buy I	
roblem to Solve	2 out of 3 days in a row. Assume that bringing lunch from home and buying	3
	lunch are equally likely.	:
_How many	The possible outcomes are:	
outcomes are		
there?		:
What object(s)		
ould we use to	Why? Explain the simulation.	
conduct our		
simulation and		•
now would you		
represent the		• • •
		·
outcomes?		: :
		:
		:
Let's do the	Виу	:
simulation and	Bring	:
use the chart at	Bring	
the right to do		:
_		!
our recording.		
		: .
		İ
		: : - :
		·

	1	·:	<u>.</u>										•							
Interpreting our results		a)	i	•	e res lunc		1	•			1	the	ехן	perii	ment	al p	roba	abili	ty of	
	 	b)	if vo	ou r	epea	ted	the	sim	ulat	ion.	WOL	.: ıld v	our	resi	ılts k	ne di	iffer	ent (or th	ie.
	1				Expl			.,			3				; :					₹ :
	 			<u> </u>				÷			-	- 				:			:	
		`	:			:				: -	<u>:</u>	.!			•					
	 	:	: 	<u>-</u>	_ - ! ·	:	: 	:		1	į		•				•	٠	-	
	<u> </u>			:	. :			i			: ::	:								
	<u> </u>	:	1 1								:		<u>:</u>		:	:				
		c)			the	ехр	erin	nent	al p	roba	abilit	y th	at a	II 3 (days	son	neor	ie w	ould	buy
			lund	h?		•			:		-,					:	:			
	-		:		:			:	·					.*.			:	`		
	- 			:		:	:			•		.: 	1			:			· <u>-</u>	·
	-			1.		:			:	:	i	÷			·					
	-	•	: :	· 				٠	:	·	<u> </u>				: T					
	-		; , ,		1.			· · · · ·				:	:					: .		:
							· :	;		: 			1							
				:			:			:										
			1		•		• • •							:						
							ŧ			:	i		:		1	·· :				.•
	 								-		-					·				
	 							-											:	
			:				i Herena	-			<u>;</u>	:				1				:
	<u> </u>		!								1		:	:	:					
		: :			:								1		:	1				
					:		:	•				:		÷	:			:	. :	
							:				•	:					:			
				•	. :							:	;		:		:	:	:	
							:						-		:					
	:				-							:		,	÷					
			,				ı							•						

		4,
		('
		(
		(