Name:	Date:	

Dr. X and the Quest for Food Safety Film Companion Question Sheet for Modules 2-3-4

	Film Companion Question Sheet for Modules 2-3-4			
Module 2 Questions				
1.	Why did Dr. Elsasser feed bacteria to baby chicks?			
2.	Explain another part of Dr. Elsasser's work that is related to food safety.			
2	Du Datricia Millean conducts research on comment. What is comment and what characteristics does in			
3.	Dr. Patricia Millner conducts research on compost. What is compost and what characteristics does in have that help keep food from farms free of harmful bacteria?			
4.	What kind of bacteria is particularly affected by compost?			
M	odule 3 Questions			
5.	What do cows, astronauts and elephants have to do with food safety and food processing?			
6.	What is pasteurization?			
7.	What is the time/temperature relationship?			
8.	How can an egg be pasteurized in the shell without breaking the shell or cooking the inside of the			
	egg?			
9.	How can some kinds of milk stay fresh and safe without being refrigerated?			

Nar	ame: Date	:
10.). What prevents astronaut food from becoming contaminated?	
11.	. What is the benefit of UHT milk compared to conventionally pasteurized milk?	,
12.	2. What is the Danger Zone in food safety and why do people need to know about	t it?
13.	3. What do chilling, freezing, and heating do to bacteria?	
14.	1. What is irradiation and why does it make food safer?	
15.	5. Why can you use ultra high-pressure treatment with orange juice and not with a	a marshmallow?
Mo	Iodule 4 Questions	
16.	6. Why are supermarkets "major 4C areas," according to Dr. X?	
17.	7. What is the cold chain?	
18.	3. What is the single most effective thing you can do at home to prevent contamination home?	nation of your food at
19.	9. In what ways have engineers helped to solve the problem of food safety? For exprocesses or equipment have been engineered to ensure safe food, eggs and mill List at least three examples.	