Name:	Block:	Date:
Food Innovations Webquest	t	
Link #1: World Population Grov	wth:	
1. What percentage of Earth's	land can grow cr	rops?
2. How would you describe the	speed of popula	ation growth from 0 CE to 1500 CE?
3. How would you describe the CE?	speed of popula	ation growth from 1950 CE to 2050
4. Modern medicine was invent which the population grew?	ed around 1900:	) – how did this change the speed at
• • • • • • • • • • • • • • • • • • • •	d Millet are all ty	pes of grains called cereals. Look upsed on the images you saw, what do
6. How many liters of water are	e needed to prod	duce one pound of wheat?
7. How many liters of water are	e needed to proc	duce one pound of cane sugar?
8. How many liters of water are	e needed to proc	duce one pound of beef?
9. How many liters of water are	e needed to prod	duce one pound of milk?
10. How many liters of water a	re needed to pro	oduce one pound of cheese?
Link #3: Article: Rooftop Garde  11. How many pounds of produ  Place convention center since 2	uce have been gi	rown on the roof of the McCormick

12. Where did mayor Richard Daley build a rooftop garden in 2000?
13. How may square feet of rooftop gardens are in Chicago?
14. How many rooftops are being used?
15. What are two other cities that have at least 1 million square feet of rooftop gardens?
16. Gotham Greens is planning to build the world's largest rooftop garden in Chicago. How many acres will it be?
17. Some new rooftop gardens have greenhouses with sensors - what do those sensors keep track of?
<u>Link #4: Portland Rooftop Gardens Video</u> Watch the video to answer the questions. More information about this rooftop garden can be found in the article below the video. Reading the article is optional.
Watch the video to answer the questions. More information about this rooftop garden
Watch the video to answer the questions. More information about this rooftop garden can be found in the article below the video. Reading the article is optional.
Watch the video to answer the questions. More information about this rooftop garden can be found in the article below the video. Reading the article is optional.  18. What is the address of the first community rooftop garden in Portland?
Watch the video to answer the questions. More information about this rooftop garden can be found in the article below the video. Reading the article is optional.  18. What is the address of the first community rooftop garden in Portland?

## Link #6: TED Ed - A teacher growing green in the South Bronx

21. Watch the first 6 minutes of this video. Write down three things the students

## Link #7: NOAA What is Aquaculture?

24. What is aquaculture?

Reasons:

did:

## Link #8: University of Maine What is Aquaculture?

25. True or False: Aquaculture can be done in fresh water and salt water.

Location 3: \_\_\_\_\_

26. True or False: Aquaculture can only be done outdoors.		
27. How long as aquaculture been around?		
28. What types of food are being grown using aquaculture for people to eat?		
<u>Link #9: Maine Seaweed Harvest</u> 29. How many types of of seaweed are native to the Atlantic coast?		
30. How many pounds of dried seaweed came from the 100,000 pounds harvested?		
31. Why did Shep Earhart start seaweed farming?		
32. Your Ideas: What are some meals that you eat that seaweed could be added to?		
Link #10: Food of the Future  33. List the food of the future ideas presented:		
34. Which type of food presented do you think is the best idea for helping feed a world of 9 billion people (even if you are not excited about it)? Why would it be good?		
35. Invent your own future food, explain why it would help feed a world of 9 billion people:		