



THE WORLD FOOD PRIZE

Fruit for ALL – A Modified Hunger Banquet Activity

By: The World Food Prize Youth Education Team*

Objective: Explore the distribution of the global population, availability of food and resources, and food waste.

The activity can be used with any size group, preferably twenty or more. Designed for middle or high school students. Could be adapted for younger audiences.

Materials: We recommend Clementine Oranges. Prepackaged food or snacks work best as they can be easily sorted, stacked and handled, and still safely consumed.

Pre-activity set up: Determine group sizes based on regional population and food distribution based on GDP.

EXAMPLE

Total Participants: 200

Total Fruit: 400

Region	Population	# People (% of Total)	GDP	# Snacks (% of Total Snacks)	Waste/Spoil (40%) (40% of Snack #)
North America	5%	10	25%	6 bags (100 oranges)	Remove 40 oranges
Latin America	9%	18	8%	2 bags (32 oranges)	Remove 13 oranges
Europe	12%	24	27%	6 bags (108 oranges)	Remove 43 oranges
Africa	13%	26	4%	1 bags (16 oranges)	Remove 7 oranges
Asia	61%	122	36%	9 bags (144 oranges)	Remove 57 oranges

Total Participants: _____

Total Fruit or Snacks: _____

Region	Population	# People (% of Total)	GDP	# Snacks (% of Total Snacks)	Waste/Spoil (40%) (40% of Snack #)
North America	5%	_____	25%	_____	Remove _____
Latin America	9%	_____	8%	_____	Remove _____
Europe	12%	_____	27%	_____	Remove _____
Africa	13%	_____	4%	_____	Remove _____
Asia	61%	_____	36%	_____	Remove _____

Begin Activity!

Begin with all food stacked in one large pile at the front of the room.

As participants enter the room, have them reach into a bag to select a colored piece of paper or other object. This will determine which region of the world they belong in for the activity.

Good morning everyone! We've brought a snack for all of you, but first we have to sort into groups by your colored cards:

- ___ People – North America (Pink paper)
- ___ people – Latin America (Green paper)
- ___ People – Europe (Blue paper)
- ___ People – Africa (Yellow paper)
- ___ People – Asia (Red paper)

We have sorted you into 5 regions of the world based on the current distribution of people on the planet. Of the 7.3 billion people alive today,

The U.S. and Canada are home to 5% or # ___ of you...

Latin America is home to 9% # ___

Europe is home to 12% # ___

Africa is home to 13% # ___

Asia is where 61% live # ___

Ok great! Now for the snacks. These 400 oranges represent all of the food produced in the world.

We're going to divide up the snacks between each region, so that everyone has something to eat. But first, how do you think we should divide them? How should we decide how much each region is allocated?

Let students answer to the group

- **By Population?**
- **By Need?**
- **By Gross Domestic Product (the wealth and resources produced by those countries)**

We're going to divide up the snacks based on the actual amount of food available to the people in each region.

** helpers sort and stack oranges into 5 distinct piles on the table, sorted by region

		<u>(EXAMPLE)</u>
Asia controls 36% of the world's resources, which is equivalent to...	_____	144 oranges - 9 bags
Europe commands 27% of the wealth	_____	108 oranges - 6 bags
North America controls 25% of the world's resources	_____	100 oranges - 6 bags
Latin America only accesses 8% of the wealth	_____	32 oranges - 2 bags
And Africa controls the remaining 4% of the world's resources	_____	16 oranges - 1 bag

This represents the distribution of food in the world, the relative amount of resources in each region.

One presenter begins delivering snacks to each region. Second presenter stops them just before they get to the groups.

Wait, this isn't right. Just because the food exists, doesn't mean it will be eaten. North America and Europe waste 40% of their food – throw it away, refuse to purchase it if the coloring or shape is not perfect

- **take away 43 oranges (2 bags) from Europe**
- **take away 40 oranges (2 bags) from North America**

In Africa, Asia and Latin America, 40% of food is lost to spoilage, rot and insect and animal damage.

- **take away 13 oranges (1 bag) from Latin America**
- **take away 57 oranges (4 bags) from Asia**
- **take away 7 oranges (½ of a bag) from Africa**

****Now deliver the remaining oranges to the groups. Leave the wasted food on a table in the front of the room**

You can't eat them yet. First, you have to decide as a group how you're going to divide the snacks amongst everyone in your region.

Give the groups a few minutes to discuss and decide. Go around and ask someone from each to explain how they decided to distribute their food. Have them hold up the amount each person will get to eat.

REFLECTION QUESTIONS:

- **What do you think about this?**
- **What did you notice about how the food is distributed? Do you think this is fair?**
- **How are resources distributed in your country? Does everyone in your home state make the same amount of money?**
- **Do you think that we should care that so many people are hungry?**
- **How do you feel when you're hungry?**
- **How do you think you would feel if you weren't able to eat for a day, two days, a week? How many of you have younger sisters or brothers? How would you feel if your entire family couldn't eat for a week?**

OPPORTUNITIES TO TAKE ACTION:

If your students are interested in learning more and taking action, direct them to www.worldfoodprize.org/youth to learn how they can solve help the greatest challenges on our planet and end hunger and poverty in the world.

FURTHER RESOURCES:

www.worldfoodprize.org/resources
www.pinterest.com/worldfoodprizenextnorm

SUGGESTED READING:

What the World Eats by Faith D'Aluisio and Peter Menzel
Material World: A Global Family Portrait by Peter Menzel
Enough: Why The World's Poorest Starve in an Age of Plenty by Roger Thurow
The End of Poverty by Jeffrey Sachs
Mountains Beyond Mountains: The Quest of Dr. Paul Farmer by Tracy Kidder