

These pages are to be used with the “Bead Game” from Infusionomics.

Details and answer key found here:

<http://infusionomics.com/wp-content/uploads/2011/05/6-12-Bead-Game>

Grouping:

6 students per group → 5 makers, 1 Quality Control Specialist

Any additional students (not divisible by 6) can be observers.

They can fill out the table on the last page as they observe.

At the end, facilitate class discussion and everyone should fill out the table and answer debriefing questions on the last page.

SCOREBOARD

How much did each team make after each round?

<u>Team</u>	<u>Traditional</u> 1	<u>Command</u> 2	<u>Market</u> 3
A			
B			
C			
D			
E			
F			

“That’s The Way We’ve Always Done It - Ville”

Values:

- Your group is really concerned with the way things were done in the past.
- Position of authority, jobs, etc. are handed down according to tradition.
- You value the past and see no need for concern about increased economic growth in the future.
- Basically everything in your society is determined by beliefs and customs.

Goals:

- To produce what your ancestors did and in the same way that they did.
- Following tradition is your basic underlying goal.

Situation:

- With your limited resources of string, beads, ruler, and scissors you can create rings, bracelets, and/or necklaces.
- However, your country has always produced bracelets, so everyone will produce bracelets.

Production Procedure:

- Each person must make their own entire bracelet (no specialization of tasks).
- The teacher will designate people to use each of the following first: the string, ruler, and scissors. After using each item, pass it clockwise around the table.
- Each **bracelet** must be made with a 12 inch piece of string and 8 beads in this sequence: 2 red, 2 yellow, 2 blue, and 2 green.
- After the beads are on the string it should be tied in a knot.
- The knot should be neatly trimmed off, as done by past generations.
- After each bracelet is finished it must be passed around the group clockwise and each member must tell the maker how beautiful it is. (This is an old tradition of the country.)
- The maker then hands it to the quality control specialist who records the \$5 if all procedures have been followed correctly.
- According to tradition each person can only make 1 bracelet every 15 minutes before starting another. After you complete your first bracelet, relax for 15 minutes before starting another - sing a traditional folk song, talk with your fellow countrymen, etc.

Sale Prices: Necklace= \$10 Bracelet = \$5 Ring = \$2

Quality Control Specialist

1

Check to make sure each of the following is correctly completed for each bracelet:

- ☐ 12 inch piece of string
- ☐ 8 beads in this sequence: 2 red, 2 yellow, 2 blue, and 2 green
- ☐ knot tied
- ☐ knot neatly trimmed
- ☐ passed around the group clockwise and each member told the maker how beautiful it is
- ☐ handed to the quality control specialist (you) by the maker of the bracelet

Record \$5 for the maker if all above procedures have been followed correctly.

Maker
First to use the
STRING

1

(pass clockwise
when finished)

Maker
First to use the
RULER

1

(pass clockwise
when finished)

Maker
First to use the
SCISSORS

1

(pass clockwise
when finished)

1

Maker

1

Maker

"We Do What We're Told - Ville"



Values:

- You've accepted a government which is run by a very strict and strong central leadership group.
- You're highly organized and the people of your group are assigned specific tasks by the leader.
- Your country strives for efficient use of time and resources, which will increase economic growth and hopefully raise the standard of living.
- It is up to the central leaders to determine what is needed and how the resources will be used.

Goals:

- To produce what the central leadership finds necessary for your society.
- Use time and resources efficiently so increased production and growth will occur.

Situation:

- With your limited resources of string, beads, ruler, and scissors you can create rings, bracelets, and/or necklaces.
- However, your country needs 5 bracelets immediately, and then the central planners want your group to produce necklaces.

Production Procedure:

- The central planners emphasize specialization:
 - The person sitting closest to the front of the room will be the string cutter. Then, going clockwise around the group, the next person will be the bead sorter, then the bead stringer, knot tier, and knot trimmer.
- Each **bracelet** must be made with a 12 inch piece of string and 8 beads in this sequence: 2 red, 2 yellow, 2 blue, and 2 green.
- Each **necklace** must be made with a 20 inch piece of string and 10 beads in this sequence: 3 yellow, 3 blue, 2 green, and 2 red.
- After the beads are on the string for both bracelets and necklaces, the string should be tied in a knot and the ends should be neatly trimmed.
- The finished product should then be handed to the quality control person who marks down the appropriate dollar amount.
 - Your group will receive \$10 per person if the required quota of 5 bracelets is filled.
 - After that, the money earned by your production will go to the central planners and not added to your group's total earnings.

Sale Prices: Necklace= \$10 Bracelet = \$5 Ring = \$2

Maker String Cutter

2

**(person sitting closest to the
front of the room)**

Maker Bead Sorter

2

**(left of the
string cutter)**

Maker Bead Stringer

2

**(left of the
bead sorter)**

Maker Knot Tier

2

**(left of the
bead stringer)**

Maker Knot Trimmer

2

**(left of the
knot tier)**

**Central
Planner**

Quality Control Specialist

**Central
Planner**

2

Check to make sure each of the following is correctly completed:

- ☐ Each bracelet:
 - ☐ 12 inch piece of string
 - ☐ 8 beads in this sequence: 2 red, 2 yellow, 2 blue, and 2 green
 - ☐ knot tied and neatly trimmed

Record \$10 for each person if the quota of 5 bracelets is met.

- ☐ Each necklace:
 - ☐ 20 inch piece of string
 - ☐ 10 beads in this sequence: 3 yellow, 3 blue, 2 green, and 2 red
 - ☐ knot tied and neatly trimmed

Record \$10 for each correctly completed necklace. This money goes to the central planners.

"Make As Much As We Want - Ville"



Values:

- Your country and economic system reflects values which center around rugged individualism. It is up to each person to make him/herself more prosperous than others.
- Your country produces whatever brings the highest price and produces it with the method that costs the least.
- Individual rewards and material incentives are used to encourage and stimulate continuous economic growth and production.

Goals:

- To produce whatever your group decides will be most beneficial.
- To organize yourselves so you can make the most efficient use of time and resources.
- Maximize profit.

Situation:

- With your limited resources of string, beads, ruler, and scissors you can create rings, bracelets, and/or necklaces.
- Your group may produce any combination of rings, bracelets, and/or necklaces.

Production Procedure:

- It is up to you to organize your group and choose jobs in whatever fashion you want. You should have a string cutter, bead sorter, bead stringer, and knot tier.
- Each **ring** must be made with a 6 inch piece of string and 4 beads in this sequence: 1 red, 1 yellow, 1 blue, and 1 green.
- Each **bracelet** must be made with a 12 inch piece of string and 8 beads in this sequence: 2 red, 2 yellow, 2 blue, and 2 green.
- Each **necklace** must be made with a 20 inch piece of string and 10 beads in this sequence: 3 yellow, 3 blue, 2 green, and 2 red.
- After the beads are on the string, the string should be tied in a knot.
- You may trim the knot neatly if you want.
- The finished product must be handed to the quality control person.
- Your group will be paid in full for as many of the items as you can produce within the time limit.

Sale Prices: Necklace= \$10 Bracelet = \$5 Ring = \$2

**Maker
String Cutter**

3

**Maker
Bead Sorter**

3

**Maker
Bead Stringer**

3

**Maker
Knot Tier**

3

Maker

3

Quality Control Specialist

3

Check to make sure each of the following is correctly completed:

- ☐ Each ring:
 - ☐ 6 inch piece of string
 - ☐ 4 beads in this sequence: 1 red, 1 yellow, 1 blue, and 1 green
- ☐ Each bracelet:
 - ☐ 12 inch piece of string
 - ☐ 8 beads in this sequence: 2 red, 2 yellow, 2 blue, and 2 green
- ☐ Each necklace:
 - ☐ 20 inch piece of string
 - ☐ 10 beads in this sequence: 3 yellow, 3 blue, 2 green, and 2 red
- ☐ All items should have a tied knot and be handed to the quality control specialist (you).

Record the following for each correctly completed item:

\$2 for each ring, \$5 for each bracelet, and \$10 for each necklace

<u>Economic Systems</u>	<u>Traditional</u> 1	<u>Command</u> 2	<u>Market</u> 3
Is it stressful?			
Who chooses jobs?			
What is the motivation to produce?			
What are methods of production?			
What to produce - how is it decided?			
For whom to produce?			
What are the base values?			
How are people's lives touched or affected by their economic system?			
Which system(s) provide(s) a better opportunity for a higher standard of living? Why?			
Which system is best? Explain.			