

## Destination ImagiNation®

### *Instant Challenge*

2005 Affiliate Competition – Advanced Level

# REFUSE, REUSE, RECYCLE

**Challenge:** Your **TASK** is to create a “non-verbal” communication system to help your team members clean up a polluted school playground. For the purpose of this Challenge, “non-verbal” means that no words or sounds may be used in the solution.

**Time:** You will have up to 4 minutes to use your **IMAGINATION** to create and practice using your communication system and up to 2 minutes to clean up the school playground.

**Set-up:** In the middle of the room is a taped line. On either side of the taped line are materials that may be used to allow team members to communicate with each other without talking. On one side of the room, there are 3 taped squares labeled: “Refuse,” “Reuse,” and “Recycle.”

### **Procedure:**

•**Part One** (4 minutes): Divide your team into 2 groups, the Garbage Collectors and the Garbage Managers. The Garbage Collectors will be given a set of cards, each listing a different item. The Garbage Managers will have a list of the same items, but their list will indicate whether the item should be put into the “Refuse” square (the dump), into the “Reuse” square, or into the “Recycle” square. First a Garbage Collector will need to use the materials to communicate which item has been found to a Garbage Manager. Once a Manager knows what the item is, the Manager will need to use the materials to communicate back to the Garbage Collector where to put the item. The Garbage Collector should then put the card with the name of the item in the correct square. Only 1 team member on each side may communicate at a time. There will be 10 items on the cards and a garbage list to use as practice during Part One. During Part Two, there will be a list of 12 items. You may talk during Part One.

•**Part Two** (2 minutes): You may use the materials on the tables to communicate non-verbally to each other in order to clean up a polluted playground. The items may be communicated in any order. No one may talk during Part Two.

### **Materials:**

#### **Garbage Collectors:**

2 Pencils    1 Paper Plate    1 Plastic Fork    1 Paper Towel    1 Paper Cup    1 Golf Ball

The Garbage Collectors will be given 10 cards during Part One, and 12 cards during Part Two, each listing the name of a different item. The golf ball may NOT be damaged.

#### **Garbage Managers:**

3 Nails    1 Pair of Eyeglasses    1 Index Card    1 Large Rubber Band    1 Ping Pong Paddle

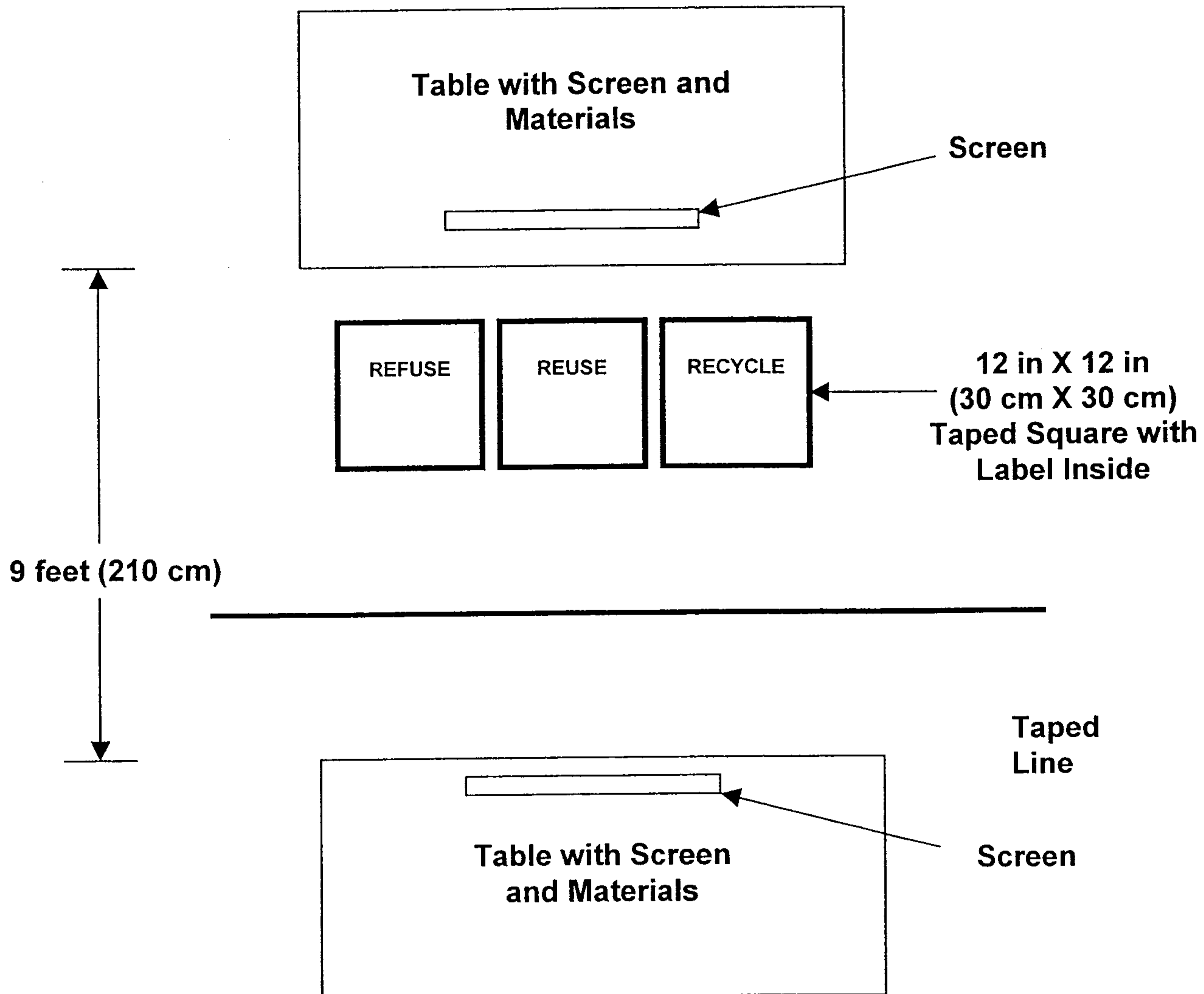
The Garbage Managers will be given a list with 10 different items in Part One, and 12 different items during Part Two, each list showing where different items should be placed. The eyeglasses and Ping Pong paddle may NOT be damaged.

**Scoring:** You will receive

- A. 5 points (60 points maximum) for each item put in the correct square during Part Two.
- B. Up to 20 points for how creatively you attempt to solve the **TASK**.
- C. Up to 20 points for how well your team works together.

## For Appraisers Only:

1. The set-up consists of 2 tables 9 feet (210 cm) apart with a taped line in between them. On each table there is a screen or barrier that will allow the team members to look at the cards or the list without the team members on the other side seeing.



2. The screens can be made using 2 bricks, covered by a towel.



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**Time:** You will have up to 4 minutes to use your **IMAGINATION** to create and practice using your communication system and up to 2 minutes to clean up the school playground.

**Set-up:** In the middle of the room is a taped line. On either side of the taped line are materials that may be used to allow team members to communicate with each other without talking. On one side of the room, there are 3 taped squares labeled: “Refuse,” “Reuse,” and “Recycle.”

**Procedure:**

**Part One** (4 minutes):

- Divide your team into 2 groups, the Garbage Collectors and the Garbage Managers.
- The Garbage Collectors will be given a set of cards, each listing a different item.
- The Garbage Managers will have a list of the same items, but their list will indicate whether the item should be put into the “Refuse” square (the dump), into the “Reuse” square, or into the “Recycle” square.
- First a Garbage Collector will need to use the materials to communicate which item has been found to a Garbage Manager.
- Once a Manager knows what the item is, the Manager will need to use the materials to communicate back to the Garbage Collector where to put the item.
- The Garbage Collector should then put the card with the name of the item in the correct square.
- There will be 10 items on the cards and a garbage list to use as practice during Part One.
- During Part Two, there will be a list of 12 items.
- You may talk during Part One.

**Part Two** (2 minutes):

- You may use the materials on the tables to communicate non-verbally to each other in order to clean up a polluted playground.
- No one may talk during Part Two.

**Scoring:** You will receive

- A. 5 points (60 points maximum) for each item put in the correct square during Part Two.
- B. Up to 20 points for how creatively you attempt to solve the **TASK**.
- C. Up to 20 points for how well your team works together.

REFUSE, REUSE, RECYCLE

**Materials:**  
**GARBAGE COLLECTORS**

(Tape to Table)

2 Pencils

1 Paper Plate

1 Plastic Fork

1 Paper Towel

1 Paper Cup

1 Golf Ball

The Garbage Collectors will be given 10 cards during Part One, and 12 cards during Part Two, each listing the name of a different item. The golf ball may NOT be damaged.

REFUSE, REUSE, RECYCLE

**Materials:**  
**GARBAGE MANAGERS**

(Tape to Table)

3 Nails

1 Pair of Eyeglasses

1 Index Card

1 Large Rubber Band

1 Ping Pong Paddle

The Garbage Managers will be given a list with 10 different items in Part One, and 12 different items during Part Two, each list showing where different items should be placed. The eyeglasses and Ping Pong paddle may NOT be damaged.



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### APPRAISER RUBRICS

#### RUBRIC FOR APPRAISING HOW CREATIVELY TEAM ATTEMPTS TO SOLVE THE TASK

Points	1 – 5	6 – 10	11 – 15	16 – 20
<b>Qualities</b>	<ul style="list-style-type: none"> <li>• Creativity is present and it's somewhat enhanced</li> <li>• The solution applies</li> </ul>	<ul style="list-style-type: none"> <li>• Creativity is present and it's relevant</li> <li>• The solution is complete</li> </ul>	<ul style="list-style-type: none"> <li>• Creativity is present and it's integrated</li> <li>• Chiefly original work</li> </ul>	<ul style="list-style-type: none"> <li>• Creativity is there and it's innovative</li> <li>• AHA! WOW!</li> </ul>

#### RUBRIC FOR APPRAISING TEAMWORK

Points	1 – 5	6 – 10	11 – 15	16 – 20
<b>Qualities</b>	<ul style="list-style-type: none"> <li>• Dominating individual who limits participation of others</li> <li>• Cooperation is minimal</li> <li>• Little sharing of ideas</li> </ul>	<ul style="list-style-type: none"> <li>• Some evidence of individual team member roles</li> <li>• Some cooperation</li> <li>• Some evidence of accepting ideas of others</li> </ul>	<ul style="list-style-type: none"> <li>• Acceptance of team roles above average</li> <li>• Good cooperation</li> <li>• Sharing and acceptance of ideas of others</li> </ul>	<ul style="list-style-type: none"> <li>• Leadership and team roles are easily identified</li> <li>• Diversity of skills mutually respected and evident</li> <li>• Team dynamics are exemplary</li> </ul>

LABELS FOR TAPED SQUARES

REFUSE

REUSE

RECYCLE

# Practice Items

(To be placed on index cards)

Lunch Box

Soccer Ball

Jump Rope

Tricycle

Baseball Bat



Doll

Box of Dog Food

Pillow

Brown Paper Bag

Bathroom Scale

# Practice List

Item	Where to Place It
Doll	Reuse
Box of Dog Food	Reuse
Pillow	Recycle
Jump Rope	Recycle
Soccer Ball	Refuse
Baseball Bat	Reuse
Lunch Box	Refuse
Brown Paper Bag	Recycle
Tricycle	Refuse
Bathroom Scale	Reuse

# Challenge Items

(To be placed on index cards)

## Book

## Motorbike

## Chopsticks

## Shovel

## Broom

## Light Bulb



Television Set

Can of Tunafish

Ice Skates

Boot

Umbrella

Hammer

# Challenge List

Item	Where to Place It
Book	Refuse
Motorbike	Recycle
Chopsticks	Reuse
Shovel	Refuse
Broom	Reuse
Light Bulb	Reuse
Television Set	Recycle
Can of Tunafish	Refuse
Ice Skates	Recycle
Boot	Recycle
Umbrella	Refuse
Hammer	Recycle

# Destination ImagiNation®

Team Name: \_\_\_\_\_ Level: E M S U

Passport Number: \_\_\_\_\_ Team Challenge: \_\_\_\_\_

Appraiser's Name: \_\_\_\_\_

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### INSTANT CHALLENGE INDIVIDUAL SCORE SHEET

Score Element	Range	Team Score
A. _____ # of items put in correct square in Part Two	_____ X 5 (60 Points Maximum)	
B. How creatively team attempts to solve the <b>TASK</b>	1 – 20	
C. Teamwork	1 – 20	
<b>Total</b>		

Note: Team score elements should be recorded in whole numbers. (No fractions or decimals.)



# Destination ImagiNation®

Team Name: \_\_\_\_\_ Level: E M S U

Passport Number: \_\_\_\_\_ Team Challenge: \_\_\_\_\_

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### INSTANT CHALLENGE MASTER SCORE SHEET

Appraiser's Name	Total Score
1.	
2.	
3.	
4.	
Add 1 + 2 + 3 + 4	D.
Divide D by # of Appraisers	E.

NOTE: The division in the final step should be carried out to 3 decimal places.

**INSTANT CHALLENGE SCORE**

F.

NOTE: Rewrite the final score in the box above. The final score should be rounded to 2 decimal points. Round up if the third decimal is 5 or more.