

Destination ImagiNation®
Instant Challenge
2003 Regional Competition – Advanced Level
OBSTACLE GOLF

Challenge: Your **TASK** is to figure out how to get a golf ball through an obstacle course and then guide the golf ball through the course for score.

Time: Your team will have up to 6 minutes to use your **IMAGINATION** to practice getting a golf ball through the obstacle course and then up to 2 minutes to guide the golf ball through the course.

Set-up: On one side of the room there is a table with materials. In the middle of the room, there is a chair. Behind the chair is a small taped circle with a golf ball. In front of the chair is an ice cream bucket sitting in a taped square. Next to the bucket are curvy, taped lines that end at a pipe. On the other side of the pipe, there is an open sided box about 3 ft (90 cm) away from the end of the pipe.

Procedure:

•**Part One** (6 minutes): Figure out how to get a golf ball through an obstacle course and try out your ideas. You must complete the course in the following order:

1. The golf ball must start out in the circle behind the chair.
2. The golf ball must then go over the back of the chair, across the chair seat and into the bucket. You may touch the bucket and the bucket may be moved anywhere within the taped square.
3. The golf ball then has to come out of the bucket and move between the two curvy red lines, pass through the pipe, and end up in the open-sided box. The ball may not touch the floor between the time it leaves the pipe and enters the open-sided box.

As the ball goes through the obstacle course, it may not be touched directly by any team member. However, it may be touched by other materials. Each obstacle (**the chair, the curvy lines, the pipe and the distance from the end of the pipe to the box**) must be completed using **different types of materials** and **different team members**.

•**Part Two** (2 minutes): Run the obstacle course for score. If the ball leaves the obstacle course before completing all of the obstacles, the ball may be returned to the beginning of the obstacle where it left the course. You may get credit for up to 4 obstacles.

Materials:

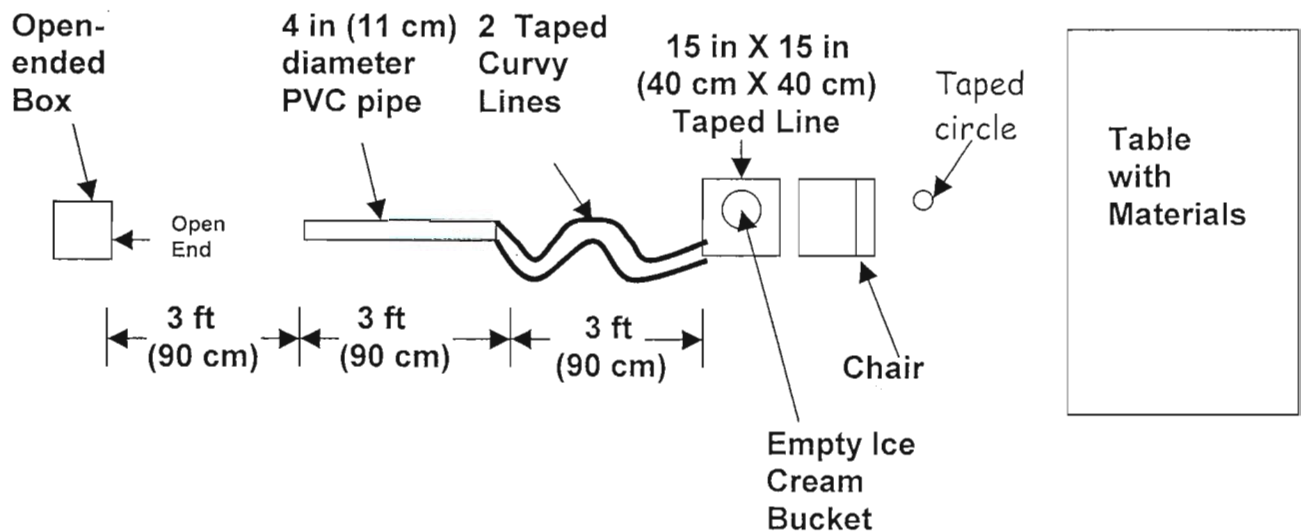
1 Envelope	6 Straws	2 Paper Clips	2 Rubber Bands
6 ft (180 cm) of String	2 Pieces of Lasagna	2 Paper Coin Rolls	2 Pencils

Scoring: You will receive

- A. 10 points each (40 points maximum) for each obstacle that the golf ball successfully completes in order.
- B. 10 points each (40 points maximum) for how creatively you use the materials to get the ball through each obstacle.
- C. Up to 20 points for how well your team works together.

For Appraisers only:

1. The set-up consists of a table with materials on one side of the room. In the center of the room is a chair that is taped to the floor. Behind the chair is a small taped circle. In front of the chair is a 15 in X 15 in (40 cm X 40 cm) taped square. There is an empty ice cream bucket in the taped square. Leading away from the taped square are curvy, taped lines about 3 ft (90 cm) from one end to another. At the far end of the curvy lines is a 3 ft (90 cm) piece of PVC pipe 4 in (11 cm) in diameter. The PVC pipe is taped to the floor. Three ft (90 cm) from the far end of the PVC pipe is an open ended box taped to the floor.



2. The team must use different types of materials to move the ball through each obstacle. In Part Two, if the team begins to reuse a type of material that has already been part of their solution, the team should be stopped, asked to place the ball at the beginning of the obstacle on which they are presently working, and told they may not reuse a type of material.
3. If the team has fewer than 4 team members, one team member may complete more than one obstacle.

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APPRAISER RUBRICS

RUBRIC FOR APPRAISING CREATIVITY OF MATERIAL USE

Points	1 – 3	4 – 5	6 - 7	5 – 10
Qualities	<ul style="list-style-type: none"> Materials are used in common ways 	<ul style="list-style-type: none"> Materials are used in somewhat unusual ways. 	<ul style="list-style-type: none"> Creativity is apparent in material use. 	<ul style="list-style-type: none"> Materials are used in very unusual ways

RUBRIC FOR APPRAISING TEAMWORK

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

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Procedure:

Part One (6 minutes):

- Figure out how to get a golf ball through an obstacle course and try out your ideas.
- You must complete the course in the following order:
 - 1) The golf ball must start out in the circle behind the chair.
 - 2) The golf ball must then go over the back of the chair, across the chair seat and into the bucket. You may touch the bucket and the bucket may be moved anywhere within the taped square.
 - 3) The golf ball then has to come out of the bucket and move between the two curvy red lines, pass through the pipe, and end up in the open-sided box. The ball may not touch the floor between the time it leaves the pipe and enters the open-sided box.
- As the ball goes through the obstacle course, it may not be touched directly by any team member. However, it may be touched by other materials.
- Each obstacle (**the chair, the curvy lines, the pipe and the distance from the end of the pipe to the box**) must be completed using **different types of materials** and **different team members**.

Part Two (2 minutes):

- Run the obstacle course for score.
- If the ball leaves the obstacle course before completing all of the obstacles, the ball may be returned to the beginning of the obstacle where it left the course.
- You may get credit for up to 4 obstacles.

Scoring: You will receive

- A. 10 points each (40 points maximum) for each obstacle that the golf ball successfully completes in order.
- B. 10 points each (40 points maximum) for how creatively you use the materials to get the ball through each obstacle.
- C. Up to 20 points for how well your team works together.

OBSTACLE GOLF

Materials :

(Tape to Table)

1 Envelope

6 Straws

2 Paper Clips

2 Rubber Bands

6 ft (180 cm) of String

2 Pieces of Lasagna

2 Paper Coin Rolls

2 Pencils

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Team Name: _____ Level: P E M S U

Passport Number: _____ Team Challenge: _____

Appraiser's Name: _____

OBSTACLE GOLF

INSTANT CHALLENGE INDIVIDUAL SCORE SHEET

Score Element	Range	Team Score
A. Obstacle # 1 Completed First	0 or 10	
Obstacle # 2 Completed Second	0 or 10	
Obstacle # 3 Completed Third	0 or 10	
Obstacle # 4 Completed Fourth	0 or 10	
B. Creativity of Material Use with 1 st Obstacle (Chair)	0 or 1 - 10	
Creativity of Material Use with 2 nd Obstacle (Curvy Lines)	0 or 1 - 10	
Creativity of Material Use with 3 rd Obstacle (PVC Pipe)	0 or 1 - 10	
Creativity of Material Use with 4 th Obstacle (Distance Between PVC Pipe and Box)	0 or 1 - 10	
C. Teamwork	1 - 20	
Total		

Note: Team score elements should be recorded in whole numbers. (No fractions or decimals.) In score element A, the team should receive 0 points if the obstacle is not completed or not completed in order. In score element B, the team should receive score if materials were utilized in an attempt to get the ball through the obstacle even if the attempt was not successful.

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Team Name: _____ Level: P E M S U

Passport Number: _____ Team Challenge: _____

Appraiser's Name: _____

OBSTACLE GOLF

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.

<i>INSTANT CHALLENGE SCORE</i>

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.