

APPRAISER COPY

Destination ImagiNation®
Instant Challenge
2006 Affiliate Competition – Entry and Advanced Levels
SURROUNDED

Challenge: Your **TASK** is to build a structure that completely surrounds a floating ball and is as high as possible.

Time: You will have up to 6 minutes to use your **IMAGINATION** to build your structure.

Set-up: In the center of the room is a tub of water with a ball floating in it. There is also a table with materials you can use to build a structure that completely surrounds the floating ball.

Procedure: Use the materials on the table to build a structure that completely surrounds the ball and is as high as possible. You must build the structure around the ball in the tub. The ball may **NOT** be removed from the water. You will be warned when you have 1 minute remaining and 30 seconds remaining. When time has ended, the Appraisers will wait 10 seconds and then measure the height of the structure above the water.

Materials:

4 Straws	4 Craft Sticks	8 Twist Ties	4 Rubber Bands
3 Styrofoam Cups	4 Mailing Labels	12 Toothpicks	1 Piece of Foil

The mailing labels may **NOT** be attached to the ball or the tub. The ball may **NOT** be damaged.

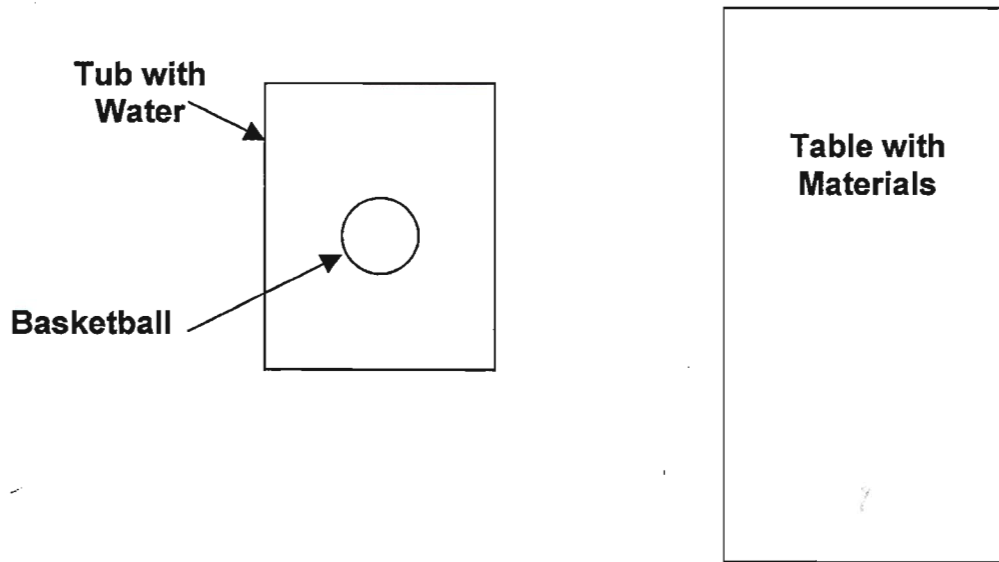
Scoring: You will receive

- A. 20 points if you are able to create a structure that completely surrounds the ball.
- B. 1 point (30 points maximum) for each inch (2.5 cm) of height of your structure measured from the top of the water.
- C. Up to 30 points for how creatively you use the materials to build the structure
- D. Up to 20 points for how well your team works together.

Following the Tournament, all copies of this Challenge must be collected and destroyed.

For Appraisers Only:

1. The set-up consists of a tub of water with a basketball floating in it in the center of the room. Next to the tub is a table with materials.



2. The team should be warned when there is 1 minute remaining and when there is 30 seconds remaining.
3. Towels and a mop should also be available.
4. If the team begins to remove the basketball from the water, they should be reminded that the ball must remain in the water.

TEAM COPY

Destination ImagiNation® **SURROUNDED**

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Time: You will have up to 6 minutes to use your **IMAGINATION** to build your structure.

Set-up: In the center of the room is a tub of water with a ball floating in it. There is also a table with materials you can use to build a structure that completely surrounds the floating ball.

Procedure:

- Use the materials on the table to build a structure that completely surrounds the ball and is as high as possible.
- You must build the structure around the ball in the tub.
- The ball may **NOT** be removed from the water.
- You will be warned when you have 1 minute remaining and 30 seconds remaining.
- When time has ended, the Appraisers will wait 10 seconds and then measure the height of the structure above the water.

Scoring: You will receive

- A. 20 points if you are able to create a structure that completely surrounds the ball.
- B. 1 point (30 points maximum) for each inch (2.5 cm) of height of your structure measured from the top of the water.
- C. Up to 30 points for how creatively you use the materials to build the structure
- D. Up to 20 points for how well your team works together.

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Materials:

(Tape to Table)

- 4 Straws
- 4 Craft Sticks
- 8 Twist Ties
- 4 Rubber Bands
- 3 Styrofoam Cups
- 4 Mailing Labels
- 12 Toothpicks
- 1 Piece of Foil

The mailing labels may NOT be attached to the ball or the tub.
The ball may NOT be damaged.

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APPRAISER RUBRICS

RUBRIC FOR APPRAISING CREATIVITY OF MATERIAL USE IN BUILDING STRUCTURE

Points	1 – 8	9 – 15	16 – 22	23 – 30
Qualities	<ul style="list-style-type: none"> Some of the materials are used in common ways 	<ul style="list-style-type: none"> Almost all materials are used, but few in unusual ways. 	<ul style="list-style-type: none"> Almost all materials are used, several in unusual ways 	<ul style="list-style-type: none"> Most materials are used in 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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Team Name: _____ Level: E M S U

Membership Number: _____ Team Challenge: _____

Appraiser's Name: _____

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INSTANT CHALLENGE INDIVIDUAL SCORE SHEET

Score Element	Range	Team Score
A. Structure completely surrounds floating ball	0 or 20	
B. ___ # of inches (2.5 cm) of height of structure	___ X 1 (30 Points Maximum)	
C. Creativity of material use in building structure	1 – 30	
D. Teamwork	1 – 20	
Total		

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

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Team Name: _____ Level: E M S U

Membership 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	E.
Divide E by # of Appraisers	F.

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

INSTANT CHALLENGE SCORE

G.

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.