

Destination ImagiNation®

Instant Challenge

D2K1 - ANONYMOUSLY YOURS - Middle School Level

REMODELING

Challenge: Build a structure and then remodel it as needed.

Time: You will have up to 1 minute to use your IMAGINATION to discuss how to create a structure that meets a certain goal and up to 1 minute to build it. You will then have 1 more minute to discuss how to remodel the structure to meet a new goal and 30 more seconds to remodel it. There will be an opportunity to remodel the structure 3 times.

Set-up: In the center of the room is a table with two wooden blocks that your structure must rest on and materials you can use to build your structure and remodel it. The two blocks are located within a taped square, with opposite blue and red sides.

Procedure:

- Part 1: You will be given a sheet of paper telling you what kind of structure you need to build. You can take up to 1 minute to decide how you will build the structure and then up to 1 minute to build it. The Appraisers will then assess the structure for score.
- Part 2: You will be given a second sheet of paper with a new goal for the structure. You will have 1 minute to decide how to remodel the structure to meet the new goal and 30 seconds to do the remodeling. The Appraisers will then assess the remodeled structure for score.
- Parts 3 and 4: You will be given 2 more remodeling goals, one at a time. The same procedure will be followed as for Parts 1 and 2.

In all 4 Parts, the structure must only touch the wooden blocks and may not be attached to them. When a structure is being remodeled to meet a new goal, the previous goal or goals must also still be met.

Materials:

- | | |
|------------------------|--------------------------------------|
| 2 Sheets of paper | 12" Piece of string |
| 4 Paper clips | 1 Paper bag |
| 1 Box of raisins | 2 Rubber bands |
| 10 Pieces of spaghetti | 6 Mailing labels |
| 1 pencil | 2 wooden blocks (MAY NOT be damaged) |

Scoring: You will receive

- A. 10 points (40 points maximum) for each goal that you meet.
- B. Up to 30 points for how creatively you use the materials.
- C. Up to 30 points for how well your team works together.

GOAL ONE: BUILD A
STRUCTURE THAT
STRETCHES BETWEEN THE
TWO BLOCKS OF WOOD.

GOAL TWO: BUILD A
STRUCTURE THAT IS AT
LEAST 1 PENCIL IN
HEIGHT.

**GOAL THREE: BUILD A
STRUCTURE THAT
EXTENDS BEYOND AT
LEAST ONE OF THE BLUE
LINES OF THE SQUARE.**

**GOAL FOUR: BUILD A
STRUCTURE THAT
EXTENDS BEYOND BOTH
OF THE RED LINES OF THE
SQUARE.**

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APPRAISER RUBRICS

RUBRIC FOR APPRAISING CREATIVITY OF MATERIAL USE

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 Materials are rarely combined 	<ul style="list-style-type: none"> Almost all materials are used, several in unusual ways Several materials are combined, but rarely more than once 	<ul style="list-style-type: none"> Most materials are used in unusual ways Many materials are used in combination, several more than once

RUBRIC FOR APPRAISING TEAMWORK

Points	1 - 8	9 - 15	16 - 22	23 - 30
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

Destination ImagiNation®

ANONYMOUSLY YOURS
MIDDLE SCHOOL
LEVEL

Team Name: _____

Passport Number: _____ Appraiser's Name: _____

REMODELING

INSTANT CHALLENGE INDIVIDUAL SCORE SHEET

Score Element	Range	Team Score
A. Structure stretches between blocks	0 or 10	
Structure is at least 1 pencil tall	0 or 10	
Structure goes over blue tape	0 or 10	
Structure goes over both red tapes	0 or 10	
B. Creativity of material use	1 - 30	
C. Teamwork	1 - 30	
Total		

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

Team Name: _____

Passport Number: _____ Head Appraiser's Name: _____

REMODELING

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
E.

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.