

Sponsored By:



Team Challenge E:

# **Breaking DI® News**

Structural Engineering  
Materials Science  
International Relations  
Research  
Innovation and Design Process  
Mathematics  
Theater Arts  
Teamwork

# Challenge E: Breaking DI® News

## The Destination:

### Where This Challenge Will Take You!

Extra, Extra! Read all about it! DI teams make headlines building a structure that holds the most and weighs the least. Choose this Challenge and your team will **reduce** your props, **reuse** a story and **recycle** a newspaper all to prove that you can do more with less!

### Points of Interest! *Your team will:*

- Design, build, and test a Structure made only of newsprint and glue.
- Reduce the props and scenery used in the Presentation to fit inside a 30in x 24in x 48in (76.20cm x 60.96cm x 121.92cm) container.
- Reuse a story about a Newsworthy Event in a nation other than your own.
- Recycle newsprint by using it creatively in a costume or prop.
- Create two *Side Trips* and integrate them into the Presentation.

## Time Limit:

Your team must complete the Presentation (including setup and Structure testing) in **eight minutes**.

## Team Budget:

The total value of the materials used in the Presentation may not exceed **\$50 US**.

## Roadmap for Success:

This Challenge can be solved on many levels, ranging from the simple to the complex. We recognize that there are different ways to be creative. This Challenge is designed to engage all types of creativity—including off-the-wall, outlandish thinking, analytical thinking, and everything in between. Please approach this Challenge in the true spirit of Destination ImagiNation: try foremost to solve the Challenge. If you find the intent or any of the details of the Challenge unclear, we encourage you to ask for a Clarification. (See the *Rules of the Road*.) Remember—if it doesn't say you can't, then you can. However, if it says you "must" perform specific requirements, then those requirements have to be met.

## Team Number

Teams and individuals using these Program Materials must hold a 2009-10 Team Number. The Destination ImagiNation Team Number is a license to compete in sanctioned Tournaments and/or to use the Program Materials for educational purposes within your team, school, group, or organization. Online access to Program Materials for teams who have purchased Team Numbers is on [www.IDODI.org](http://www.IDODI.org).

- ☐ My 2009-10 Team Number is: \_\_\_\_\_ - \_\_\_\_\_
- ☐ My team is planning to compete in a sanctioned Tournament.
- ☐ I have registered for that Tournament with the:
- ☐ Regional or
- ☐ Affiliate Director

**In order to successfully solve this Challenge, teams must read and follow:**

### Team Challenge

- A. Itinerary: The *Central Challenge* (240 points)
- B. Itinerary: *Side Trips* (60 points)
- C. Presentation Site
- D. Reward Points

### Rules of the Road

### Published Clarifications (online at [www.IDODI.org](http://www.IDODI.org))

The information in these materials is binding on all teams.

Team Managers are strongly encouraged to read and use:

- ☐ *Team Manager Guide*
- ☐ *Charting Your Course*
- ☐ *Instant Challenge Practice Set*
- ☐ *TravelGuide for Teams* (available online after Jan 1, 2010)

## A. Itinerary:

### The Central Challenge (240 points)

1. **The Intent of the Challenge** is for your team to build a Structure that is made only of newsprint and glue and that will hold weight. Your team must design the Structure so that it can be tested by placing weights upon it at a Tournament. Your team will also create a Presentation that will be appraised while you are testing your Structure. Your team will earn points for:

- a. The Structure:

- i. The **Weight Held Ratio** – the total weight held by the Structure **in pounds** divided by the weight of the Structure **in grams**.
- ii. The Creativity and Quality of the Structure's Design.

- b. The Presentation:

- i. The creative presentation of a Story about a Newsworthy Event.
- ii. Including a copy of the Newsworthy Event article with your *Tournament Data Form*.
- iii. Reducing the props and scenery used in the Presentation by designing them to fit in a 30in x 24in x 48in (76.20cm x 60.96cm x 121.92cm) rigid container.
- iv. The creativity of the container in which props and scenery are held.
- v. The recycling of newsprint by creatively using it in a costume or prop.

2. **Designing and Building the Structure:**

- a. Your team will design a Structure that will hold weight. At the Tournament, your team will test the strength of the Structure by stacking weights upon a Pressure Board that is resting on the Structure. (Section C.4 shows a diagram of a Structure Tester.)
- b. Your team may not use any type of technology that allows the team to input the Challenge specifications to design, create or aid in the testing of the Structure. Your team must make any **Jig(s)** they use in the construction of the Structure.

3. **Structure Specifications:**

- a. **Materials:** The only materials your team may use in building the Structure are **printed newsprint** and commercially available **Glue**. For the purposes of this Challenge, newsprint is a low-grade, machine-finished, printed (either black and white or color) paper made from wood pulp used chiefly for newspapers. The "glossy" advertising or magazine inserts included with some newspapers are NOT considered newsprint.
  - i. Your team may tear, cut, or shape the newsprint in any way they wish. Team members must do all customized shaping of the newsprint.
  - ii. Your team may not apply anything other than commercially available Glue to the newsprint. For the purposes of this Challenge, Glue is any **commercially** available adhesive material applied in a non-solid form capable of creating a permanent bond. The Glue may be used to join pieces of paper or as a coating. Glues that require mixing with water are permitted, but teams may not produce their own "homemade" Glues. Teams should be prepared to supply the container for the Glue they used to build the Structure.

Please be advised that in rare cases some people have allergies to newsprint or the ink solvents contained in newsprint. Please be aware that printed newsprint is required in this Challenge. If anyone on your team has a known allergy to newsprint or solvents a different Team Challenge would be more appropriate for your team.



### Special Definitions



**Jig(s):** A template or guide the team uses to help in building the Structure.



## Safety Note

Your team must be sure to read and follow all the instructions and precautions on the labels of Glue that they use. If your team uses Epoxy Glue or “Super Glues” they must use them in ventilated areas, with a de-bonder close at hand. Team members must be careful not to touch their eyes or anything else if Glue gets on their hands. The team should have adult supervision while using Glue..

- b. **Weight of Structure:** The total weight of the Structure may not exceed **75 grams**.
- c. **Height of Structure:** The height of the Structure must be at least **7.5in (19.05cm)** and no more than **9in (22.86cm)**.
- d. **When the Structure is completed for testing it MUST be a single unit.**  
A Structure might be constructed of many individual pieces, but at the beginning of testing, it must be one unit. Multiple free-standing pieces placed on the Tester will not meet Challenge requirements.
- e. The Structure must fit on the Structure Tester (C.4). An opening that can accept a circular column with an outside diameter of 2in (5.08cm) must run the entire height of the Structure. This is to be sure the Structure will fit easily around the 1in (2.54cm) Safety Pole on the Structure Tester, but not through the hole in the Pressure Board.
- f. When the Structure sits on the Tester Base, it must fit completely within the Tester Base, around the Safety Pole and rest only on the Tester Base. The only places the Structure may make contact with the Structure Tester, when it is initially placed, are the top surface of the Tester Base, the bottom surface of the Pressure Board and the safety pole.

### 4. **Weight Held Measurement Procedure:**

- a. After the Presentation time begins, your team will place the Structure on the Tester Base and over the Safety Pole. Your team may start weight placement at any time once the Presentation begins.
- b. After the Presentation time ends, the Weight Placement Appraiser will note the weight that the Structure held. This is called the Official Weight Held, which includes the weights and the Pressure Board. Only the weights that are physically on the Pressure Board when weight placement ends are included in the Official Weight Held.
- c. The Weight Held Ratio (WHR) is the Official Weight Held in pounds divided by the Structure’s weight in grams, rounded to two decimal places.

### **Weight Held Ratio =**

**Official Weight Held in pounds ÷ the Structure’s weight in grams**

For example, if the Official Weight Held is 595 pounds and the Structure’s weight is 38.2 grams, the Weight Held Ratio is 15.58. ( $WHR = 595 \div 38.2 = 15.576 = 15.58$ )

- 5. **Structure Scoring:** It is the intent of this Challenge that your team will create a Structure according to the specifications in A.3, and will test the Structure at the Tournament.
  - a. If the Structure does not meet the specifications in A.3, and if your team is unable to bring the Structure into compliance with the specifications, the Official Weight Held will be zero. However, your team may still present their solution and earn points for other Challenge requirements.
  - b. Any team that does not make a “good faith” attempt to present a Structure for testing may earn points for other Challenge requirements, but they may not advance to the next level of Tournament competition. The Appraisers will make this determination, and their decision is final.
  - c. Your team will earn points for the Structure in two ways:
    - i. For the Weight Held Ratio.
    - ii. For the Structure’s Creativity and Quality of Design.

6. **Story:** Your team will present a Story about a **Newsworthy Event** that happened in a nation other than your own. The nation in which your team is registered for Destination ImagiNation determines your team's own nation.
- a. The event must be real and the nation depicted in the Presentation must be a real nation found on a current or past geopolitical map. For the purposes of this Challenge, a Newsworthy Event is defined as an event of sufficient interest to the public to receive press attention or coverage. The event may take place at any time in history.
  - b. **Your team must bring a copy of a newspaper or Internet article that tells about the Newsworthy Event with your *Tournament Data Form*.**
    - i. If the original article is not in the language of your Tournament, your team must provide a copy or translation of the article in the language of your Tournament. This will serve as documentation that the Newsworthy Event you chose is in fact a real event that happened in a nation other than your own.
    - ii. A copy of an article that appeared in a newspaper published in your own nation is acceptable as long as the Newsworthy Event occurred in a nation other than your own.
  - c. In the spirit of reducing waste, all props and scenery used in the Presentation must be reduced to **fit inside a team-provided container with rigid sides. The container may not have an open side or an open top.** The props and other materials must be fully enclosed in the container in the Prep Area. Your team may construct the container with materials of your choosing or use a simple cardboard box, as long as it does not exceed the size requirements **and does not have an open side.** The container may be used in the Presentation, but the container may not be scored as the prop scored in D.3.e.
    - i. The container must have an outside measurement of not more than 30in x 24in x 48in (76.20cm x 60.96cm x 121.92cm). The team-created container may be whatever size your team chooses up to the maximum size allowed. Any wheels or handles added to the container will be part of the overall measurement. The Prep Area Appraiser will use a tape measure to check that the container does not exceed the size requirements. If the container does not meet the size requirements, the Appraiser will give the team an opportunity to adjust the container to meet the requirements. If your team cannot make adequate adjustments, no points will be awarded in D.3.c.
    - ii. The Prep Area Appraiser will also verify that the props and scenery are **fully enclosed in the container.** Props and scenery will be considered fully enclosed within the container when no part of the scenery piece or prop crosses any plane of the sides of the container. If your props and scenery are not completely within the container, the Prep Area Appraiser will give your team an opportunity to adjust your container and props to meet the requirements. If your team cannot make the adjustment, no points will be awarded for D.3.c.
    - iii. Any props and scenery that do not fit into the fully enclosed container may not be used in the Presentation and are not eligible for score. **Note:** The Structure and its container and the team Identification Sign are exempt from this requirement.
  - d. The Presentation will also include a **costume or prop**, which will be scored for the creative use of newsprint. If your team chooses to use newsprint creatively in a **prop** rather than a costume, it must be included in the container with all other scenery and props. The costume or prop that includes newsprint does not have to be made entirely of newsprint, but newsprint must be included in some way.

- e. Your team will earn points for:
  - i. The creativity of the presentation of a Story about a Newsworthy Event in a nation other than your own.
  - ii. Providing a copy of the Newsworthy Event article in the language of your Tournament.
  - iii. Providing a container with rigid sides that is no more than 30in x 24in x 48in (76.20cm x 60.96cm x 121.92cm) and fully encloses all of the props and scenery required for the Presentation except the Structure and its container and the team identification sign.
  - iv. The creativity of the container which holds the props and scenery.
  - v. The creative use of newsprint in a costume or prop.
- 7. **Team Identification Sign:** Your team should provide a free-standing Identification Sign (ID Sign) displaying your team's Team Name, School/ Organization Name, Team Number, and Level. It needs to be approximately 2ft x 3ft (.61m x .91m) and **cannot be used as a scoring element**. The sign will be used only for the purpose of identifying your team during your Presentation, and will be exempt from cost. Your team will not receive a deduction if you do not provide a sign, but it will help the Appraisers and the audience to know who is performing.

## B. Itinerary: *Side Trips* (60 points)

Your team must present **TWO** creations called *Side Trips* that show off their interests, skills, areas of strength, and talents. **The team may create anything they wish for *Side Trips*** including props, music, technical gadgets, costumes, and physical actions, etc.

- 1. Your team must present both *Side Trips* as part of the eight-minute Presentation and **each *Side Trip* should have a meaningful connection to the team's Central Challenge solution**. Your team must briefly describe each *Side Trip* on the *Tournament Data Form* found at the end of this Challenge.
- 2. A *Side Trip* may not be a specific item that is already scored in the *Central Challenge*. A *Side Trip* MAY be a single unique PART of a required item, as long as it can be evaluated as a stand-alone item. Your team may present both *Side Trips* at the same time ONLY IF both can be easily identified and scored separately. Your team can find examples of these in the *Rules of the Road*.
- 3. Your team will earn points for Each *Side Trip* in two ways: for the Creativity and Originality of the *Side Trip*, and for the Quality, Workmanship, and/or Effort that is evident. Evaluation of *Side Trips* is subjective.

## C. Special Procedures for the Structure Challenge

- 1. **The Presentation Site:**
  - a. The minimum dimensions of the Presentation Site will be 16ft x 16ft (4.88m x 4.88m). This area will not be marked on the floor. When possible, the Tournament may provide a larger Presentation Site. Your team may use all of the Presentation space available at their site, but they must be prepared to present in the minimum area specified. Your team should keep in mind that the weights and Structure Tester will occupy a portion of the Presentation Site.
  - b. Your team may not move the Structure Tester from its location.

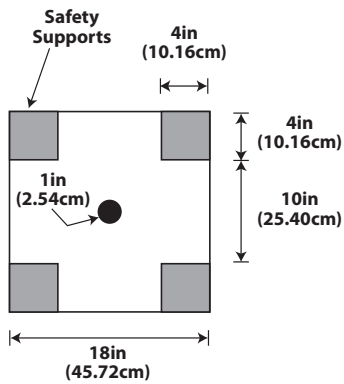
- c. A 3-prong AC electrical outlet will be provided at least to the edge of the Presentation Site.

## 2. The Structure Check-In Procedure:

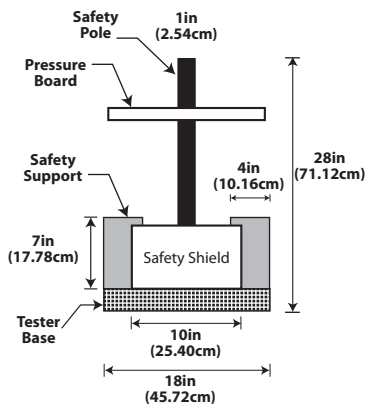
- a. Prior to your team's Presentation time, at a time designated by the Tournament Director of each Tournament, the team will bring their Structure and a completed copy of Page 2 of the *Tournament Data Form* to the Structure Check-In Area. The purpose of Structure Check-In is to determine whether the Structure meets the Challenge specifications. The Structure Check-In Area may be at a separate location from the Presentation Site.
- b. The Structure Check-In Appraisers will always avoid touching the Structure.
- c. The Structure Check-In Appraisers will instruct your team to place the Structure on the scale. Once the scale reading stabilizes, the Structure Check-In Appraisers will read the measured weight, verify that it does not exceed **75 grams** and record the official Structure weight on the Structure Check-In Form.
- d. Next, the Structure Check-In Appraisers will make sure that your team can legitimately test the Structure using a representation of the Tester Base. **A team member must place the Structure on the representation of the Tester Base so that a 2in (5.08cm) outside diameter cylinder passes through the Structure.** The Appraisers will also validate that the Structure will not touch the Safety Supports or Safety Shields. Your team must test the Structure during the Presentation in this same manner.
- e. While the Structure rests on the representation of the Tester Base, the Appraisers will measure it. They will verify that the Structure is at least **7.5in (19.05cm)** and not more than **9.0in (22.86cm)** high.
- f. The Structure Check-In Appraisers will make sure that your team constructed the Structure using only newsprint and Glue. The Check-In Appraisers will reserve the right to recall the Structure to the Check-In Area after the team's Presentation to verify the team used only newsprint and Glue. If the Check-In Appraisers want to verify this, they will note it on the Structure Check-In Form.
- g. The Structure Check-In Appraisers will make every effort, within reasonable scheduling constraints, to allow your team the time to bring their Structure into compliance with the above specifications. Any team whose Structure does not meet the above specifications will receive an Official Weight Held of zero. However, your team may still present their solution and earn points for other Challenge requirements.
- h. The Structure Check-In Appraisers will evaluate the Structure's Creativity and Quality of Design and note the scores on the Structure Check-In Form.
- i. When Structure Check-In is complete, your team will place the Structure into a team-supplied storage container and the Structure Check-In Appraisers will seal the container. (Note: This is not the scored container for props and scenery.) The Structure and the Structure Check-In Form must remain in a designated place in the Structure Check-In Area until approximately 20 minutes before the team's scheduled Presentation time.
- j. Approximately 20 minutes before your team's scheduled Presentation time, one or more team members must return to the Structure Check-In Area to collect the Structure and carry it to the Prep Area at the Presentation Site. Team members may not break the seal on the storage container until the Prep Area Appraiser directs the team to do so.
- k. Any Structure or container that arrives in the Prep Area with a broken seal will be required to return to Check-in to be rechecked.

## 3. Testing the Structure:

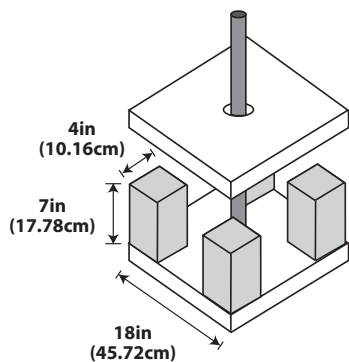




**Figure A: Top View  
Structure Tester**



**Figure B: Side View  
Structure Tester**



**Figure C: Isometric View  
Structure Tester**

- a. During the Presentation, your team will demonstrate the Structure's weight-bearing capacity using the Structure Tester and weights that the Tournament Director provides.
- b. After the Presentation time begins, your team will place the Structure over the Safety Pole and on the Tester Base in the same manner they did in Check-in. Your team may adjust their Structure on the Tester Base as needed to place the Structure to their satisfaction. Your team may remove the Safety Shields temporarily to accomplish initial placement.
- c. Structure testing begins when the Pressure Board is put on the Structure.
- d. Your team may not use the weights or the Structure Tester for any purpose other than testing the Structure during the Presentation.

#### 4. Weight Placement Specifics:

- a. **Structure Tester and Weights:** The Tournament will provide a Structure Tester shown in Figures A, B and C and with the dimensions listed in **Table One**. All weights will be **Olympic-style metal plates with a 2in (5.08cm) hole in the center**. The range of weights available may vary from Tournament to Tournament. Your team may check with their Tournament Director for specific weights available.

## Table One: Dimensions of Tester

### All Structure Testers Should Meet These Specifications

TESTER COMPONENT	INCHES	CENTIMETERS	NOTES
Tester Base	18in x 18in	45.72cm x 45.72cm	The thickness may vary at different Tournaments
Pressure Board	18in x 18in	45.72cm x 45.72cm	The thickness may vary at different Tournaments
Pressure Board hole	2in	5.08cm	
Safety Support height	7in	17.78cm	Measured from the top surface of the Tester Base to the top of the Support.
Safety Support width	3.25in-4in	8.26cm-10.16cm	
Safety Pole height	28in	71.12cm	Measured from the floor to the top of the pole.
Safety Pole diameter	1in	2.54cm	The Representation of the Tester Base used in Structure Check-In will use a 2in. (5.0cm) cylinder.



- b. The Structure Tester will sit within the Presentation Area. Your team may not move the Structure Tester from its location.
- c. During the weight placement, team members must:
  - i. Use the Structure Tester and weights the Tournament Director provides.
  - ii. Determine the order in which they will place weights on the Structure Tester.
  - iii. Select the weights they will place on the Structure Tester.
  - iv. Place weights over the Safety Pole one at a time onto the Structure Tester.
- d. The Pressure Board will be the first weight your team places upon the Structure. (See Figure B.) **The Pressure Board will be clearly marked with its official weight, rounded to the nearest pound.** One or more team members may touch the Structure while they place the Pressure Board on the Structure.

**Note:** If your team wishes to know the specifics of the Structure Tester for their Tournament (e.g., the height of the Tester Base, the thickness of the Pressure Board and/or the actual weight of the Pressure Board, and the exact width of the Safety Supports), they may check with the Tournament Director. Your Team may remove the Safety Shields as they place the Structure on the Structure Tester. They must put them back into place before they add weights to the Pressure Board. Team members may not touch the Structure or the Structure Tester once they begin weight placement unless they first remove all weights (including the Pressure Board). If your team wants to make any adjustment to the Structure's placement during the Presentation, the team must first remove all weights (including the Pressure Board). Presentation time will not stop.

**Other Safety Suggestions:**

- When placing a weight, team members should keep their fingers on the sides of the weight so that they do not pinch their fingers.
  - When moving weights, teams should check that there is a clear path to the Structure Tester.
- e. In order to be included in the Structure's Official Weight Held, the Structure must support the weight for a minimum of **four seconds**, as counted by an Appraiser. The four-second count begins when there are no hands touching any weight on the weight stack. The Appraiser's count is final.



## Safety Rules

- ☐ When a team member's head is below the level of the Pressure Board AND the Safety Shield in front of your team member's face is not in place, that team member must wear protective goggles for safety. When the team member's head is no longer below the level of the Pressure Board, or when the Safety Shield is in place, the team member may remove the goggles. The team must provide their own goggles. Because they are used only for safety, goggles are exempt from cost on the Expense Report form.
- ☐ Under no circumstances may a team member touch or come into contact with a weight stack that is rotating or moving. Team members or Adult Assistants must not try to stabilize the weight stack by holding the weight that is being placed.
- ☐ Team members and any Adult Assistants who are placing weights must wear closed-toed shoes.

f. **Safety Pole Extension Pipes:**

- i. At Regional Level Tournaments, your team may use **No** extension pipes.
- ii. At Affiliate Level Tournaments, your team may use **One 12in (30.48cm)** extension pipe.
- iii. At the Global Finals Tournament, your team may use **Two 12in (30.48cm)** extension pipes.
- iv. For safety, teams must add the extension pipe, if allowed as stated above, to the top of the Safety Pole once the weight stack reaches the 1-inch (2.54cm) mark on the original Safety Pole or the extension pipe.

g. **Adult Assistant:** Elementary Level and Middle Level teams may elect to use an Adult Assistant (18 years old or older) to help place or remove weights of **25lbs (11.34kg) or more**. Team members must direct the placement or removal and support the weight to the best of their ability if they use an Adult Assistant. The Adult Assistant:

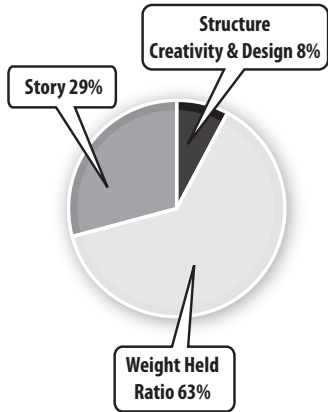
- i. May assist in the placement or removal of weights weighing 25lbs (11.34kg) or more. For the purpose of this Challenge, **assist** means that an adult may **help** a team member or team members lift, move, and set a weight that the team member(s) might not otherwise be able to handle alone. **Your team member(s) must actively participate in lifting and carrying the weight to the weight stack.**
- ii. Must wait in an area the Appraisers designate until a team member directs them to move towards the weights. The team member will direct the Adult Assistant to the specific weight for which they want assistance.
- iii. Must return to the designated waiting area between each weight placement or removal.
- iv. May only respond to directions from team members or Appraisers.
- v. May not direct weight placement or removal in any way. If, in the opinion of the Appraisers, the Adult Assistant is directing **ANY** aspect of weight selection or placement or removal, the Appraisers will halt weight placement or removal, warn the Adult Assistant of the inappropriate action and remind him/her of the team's responsibility. The Appraiser will instruct the team to remove any weight(s) that they placed with excess adult assistance or direction. Weight placement or removal will then resume. Presentation time will not stop.
- vi. If the Adult Assistant engages in any further inappropriate activity, the Appraisers will direct him/her to withdraw from the Presentation Site. Team members must then place or remove any additional weights **without** the aid of an Adult Assistant and will be limited to weights of **less than 25lbs (11.34kg)**.
- vii. Weights placed with inappropriate adult assistance or direction will not count towards the calculation of the Official Weight Held.

**h. The weight placement portion of the Challenge will end when any of the following occur:**

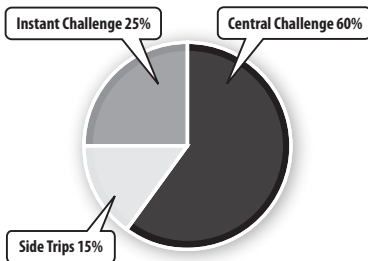
- i. The team elects to stop weight placement. The team may do this at any time during the eight-minute Presentation. When the team indicates that testing is completed before the end of the eight-minute time limit, the weights must remain on the Tester until counted by the Appraiser.
- ii. The Pressure Board or the Structure touches any of the four Safety Supports or any of the Safety Shields of the Structure Tester. A weight that causes the Pressure Board or the Structure to touch the Safety Supports prior to the completion of the 4-second count will not count towards the Official Weight Held total. If the Weight Placement Appraiser cannot slide a single sheet of paper between the Pressure Board and the Safety Support, this means that the Pressure Board is touching the Safety Supports.
- iii. The placed weights reach the mark that is 1in (2.54cm) below the top of the Safety Pole or the extension poles, when used. The team may not place any further weights on the stack once the weights reach the 1in (2.54cm) mark below the top of the original safety pole or the topmost extension pole, when used. The mark does not have to be visible at that point, but the team may not add any more weights once the weight stack is at or above the mark.
- iv. The eight-minute time limit ends.

**Note:** Teams may use the entire eight-minute Presentation time for weight placement, regardless of whether or not they have ended the performance of their Story.

### Team Challenge Scoring at a Glance



### Putting It All Together



## D. Reward Points

ELEMENT		POINTS	DETAIL
<b>CENTRAL CHALLENGE</b>		<b>UP TO 240</b>	<b>A</b>
1.	<b>THE STRUCTURE'S OFFICIAL WEIGHT HELD</b>  <b>The Scaled Official Weight Held</b> <ul style="list-style-type: none"> <li>In each competitive Level, the Structure with the highest Weight Held Ratio score will receive 150 points.</li> <li>The score for all other teams in that Level will be based on the percentage of their Structure's WHR compared to the highest.</li> </ul> <b>Team's score = (WHR ÷ highest WHR in Level) × 150</b> <ul style="list-style-type: none"> <li>This score added to the scores the team earns for the items listed below will equal the total Raw Score.</li> </ul>	Up to 150	A.5.c.i.
2.	<b>Structure's Creativity and quality of design</b>	<b>UP TO 20</b>	<b>A.5.c.ii</b>
3.	<b>THE STORY</b>	<b>UP TO 70</b>	<b>A.6</b>
	a. The creativity of the presentation of a Story about a Newsworthy Event in a nation other than your own.	Up to 20	A.6.e.i
	b. Providing a copy of the Newsworthy Event article in the language of your Tournament.	0 or 5	A.6.e.ii
	c. Providing a container with rigid sides that is required size and fully encloses all of the props and scenery	0 or 10	A.6.e.iii
	d. The creativity of the container which holds the props and scenery.	Up to 20	A.6.e.iv
	e. The creative use of newsprint in a costume or prop.	Up to 15	A.6.e.v

<b>SIDE TRIPS</b>		<b>UP TO 60</b>	<b>B</b>
1.	<b>SIDE TRIP 1</b>	<b>UP TO 30</b>	<b>B.3</b>
	a. Creativity and Originality	Up to 15	B.3
	b. Quality, Workmanship, and/or Effort that is evident	Up to 15	B.3
2.	<b>SIDE TRIP 2</b>	<b>UP TO 30</b>	<b>B.3</b>
	a. Creativity and Originality	Up to 15	B.3
	b. Quality, Workmanship, and/or Effort that is evident	Up to 15	B.3

# Tournament Data Form

# Challenge E: Breaking DI News

## Page 1 of 2

Team Name: \_\_\_\_\_

Team Number: \_\_\_\_\_ - \_\_\_\_\_ Level: EL ML SL UL

School/Organization: \_\_\_\_\_

**To our Teams and Team Managers:** Help your Appraisers identify the required elements of your Challenge solution so they can award you all of the points you have earned. Please fill this form out completely and neatly. For Elementary Level teams only: Team Managers MAY fill out the form, writing out the words dictated by the team.

**PART ONE:** Required Paperwork: At the Tournament Presentation Site, the Prep Area Appraiser will ask for your team's forms. A complete checklist of the required forms is below. None of the forms listed below can be used as a scoring item.

### Your team needs:

\_\_\_\_\_ **Five copies** of this completed two-page *Tournament Data Form*. Be sure to copy both pages of this form. This is PAGE ONE of the form. Page Two may be copied onto the back of this sheet.

\_\_\_\_\_ **Two Copies** of the completed Declaration of Independence. Blank copies of this form can be found in the *Rules of the Road*. One copy of this form is for *Team Challenge*, the other copy of is for you to take to *Instant Challenge*.

\_\_\_\_\_ **One Copy** of the completed Expense Report. This form can be found in the *Rules of the Road*. Be sure to bring copies of your receipts in case you are asked for them, but it is not necessary to attach them to the form.

\_\_\_\_\_ **Team Identification Sign:** This will tell the Appraisers and the audience who you are. It must list your Team Name, Team Number, School/Organization (if different from Team Name), and Level. It cannot be scored. See the *Rules of the Road* for more information.

\_\_\_\_\_ **Published Clarifications:** We have read and are aware of the Published Clarifications on [www.IDODI.org](http://www.IDODI.org).

## PART TWO: Side Trip Choices: Brief Description of each Side Trip

**Side Trip 1: What is your Side Trip?** \_\_\_\_\_

Please write a brief Description of your *Side Trip*. Make sure that Appraisers know **exactly** what you want them to evaluate. What would you like them to know about the *Side Trip*?

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**Side Trip 2: What is your Side Trip?** \_\_\_\_\_

Please write a brief Description of your *Side Trip*. Make sure that Appraisers know **exactly** what you want them to evaluate. What would you like them to know about the *Side Trip*?

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# Tournament Data Form

## Challenge E: Breaking DI News

### Page 2 of 2

Team Name: \_\_\_\_\_

Team Number: \_\_\_\_\_ - \_\_\_\_\_ Level: EL ML SL UL

School/Organization: \_\_\_\_\_

**PART THREE:** This Challenge requires the team to supply the following information to help the Appraisers evaluate your solution. This is PAGE TWO of the form. Be sure to fill in both pages.

1. **Structure Specifications:** Check to make sure your Structure meets these specifications. (See Part A)

\_\_\_\_\_ The Structure is constructed of ONLY printed newsprint and Glue. (See A.3.a.)

\_\_\_\_\_ The weight of the Structure does not exceed 75 grams. (See A.3.b.)

\_\_\_\_\_ The Structure must be at least 7.5in (19.05cm) and no more than 9.0in (22.86cm) TALL. (See A.3.c.)

\_\_\_\_\_ The Structure has an opening running its entire height which can accept a circular column with an outside diameter of 2in (5.08cm). (See A.3.e.)

\_\_\_\_\_ The Structure can rest upon the Tester Base and fit around the Safety Pole. (See A.3.f.)

2. Newsworthy Event:

i. What is the nation? \_\_\_\_\_

ii. What is the Newsworthy Event? \_\_\_\_\_

iii. Briefly tell the story about the Newsworthy Event in a nation other than your own.

3. We have a copy of the article translated into the language of your Tournament? Yes \_\_\_\_\_ No \_\_\_\_\_

4. Our prop/scenery container measures 30in x 24in x 48in (76.20cm x 60.96cm x 121.92cm) or less.

Yes \_\_\_\_\_ No \_\_\_\_\_

Briefly describe how your container exhibits creativity.

5. Briefly describe how your team creatively used newsprint in a costume or prop.