

# A Quick Look at the 2009-10 Destination ImagiNation Team Challenges

## Challenge A: *Direct Deposit*



Educational Focus: *Engineering, Cost/Benefit Analysis, Innovation & Design Process, Technical Design & Construction, Experimentation, Mathematics, Communication, Theater Arts, Teamwork*

### **The Destination: Where This Challenge Will Take You!**

You can deliver a pizza. You can deliver the news. In the field of construction, you can be delivered from the brink of disaster or deliver important materials that build towards a goal. But can you deliver construction materials to targets you cannot see? Each piece of construction material has value, and some more than others. To become rich you need to decide how to effectively deliver them to the current construction project! Your team will have to consider which choices will earn the most reward as you try to deliver your construction materials over a barrier to the optimum targets on the construction site. Whatever you decide, you'll have to work quickly, because the clock is ticking!

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

- Present a team-created story about making a decision.
  - Design and build a piece of equipment that delivers supply Objects over a Barrier to Targets.
  - Consider risk versus reward to increase your Object score through strategic delivery to job site Targets.
  - Create two *Side Trips* and integrate them into the Presentation.
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## Challenge B: *DI<sup>®</sup>-Bot*



Educational Focus: *Structural Engineering, Robotic Technology, Research, Technical Design and Construction, Science, Theater Arts, Teamwork*

### **The Destination: Where This Challenge Will Take You**

Robots – doing our chores and serving our every need! What could be better? Robotic Technology has changed our lives and made our dreams a reality. Gaming systems, cell phones, cars and factories all use Robotic Technology. What will Robotic Technology accomplish next? How will our lives change because of it? You get to decide and use your knowledge of Robotic Technology to show us what may happen

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

- Learn about Robotic Technology and the changes it creates.
  - Create an original Story which envisions and shows how at least one character's life may be changed by Robotic Technology.
  - Design, create, and integrate a device called DI-BOT, which completes a motion or task, into the Story.
  - Create a method to change at least one prop or set piece, or part(s) of the prop or set piece, into DI-BOT, or a part of DI-BOT.
  - Create a scene change that enhances the Presentation by providing an effective transitional link from one scene to another.
  - Create two *Side Trips* and integrate them into the Presentation.
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## Challenge C: *You're Gonna Flip!*



Educational Focus: *Teamwork, Storytelling, Puppet Design, Construction Design, Puppetry, Theater Arts, Visual Arts*

### **The Destination: Where This Challenge Will Take You!**

A man lives only for money. Flip! After a visit by three ghosts, he discovers how to love people. That's Ebenezer Scrooge. A young Kansas girl feels so unloved at home that she wants to run away. Flip! Over the rainbow, she learns to appreciate the love she has in her own backyard. That's Dorothy's story. Our understanding of the world can Flip from one view to another. Theater, books and art are full of such turnabouts. Now your team gets to create your own Story with a Flip! What's better than using a team-created puppet and a piece of Live Visual Art to help tell your Story? You're Gonna Flip over this Challenge!

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

- Present an Original Story dramatizing how a Character experiences a Flip, or a change of point of view, about someone or something.
- Design, construct, and feature at least one Puppet as a character in the Story.
- Create a piece of Live Visual Art that is to be completely produced during the Presentation.
- Create two *Side Trips* and integrate them into the Presentation.

## Challenge D: *Do or DI*<sup>®</sup>

Educational Focus: *Improvisational acting, story development, teamwork, research skills*



### **The Destination: Where This Challenge Will Take You!**

Going... Going... Gone? A Threatened Thing is in danger of extinction, and YOU are its only hope for survival! With a Stock Character and an Unimpressive Superpower, can you save the Great Barrier Reef, the Giant Panda, or even landline telephones? But wait...do all threatened things need to be saved or is it better if some go the way of the dinosaur? You decide to Do or DI!

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

- Create a five-minute Improvisational Skit about a Threatened Thing in danger of extinction. This must be done in a seven-minute Preparation Time period at the Tournament.
- Present a Skit using a Stock Character randomly selected from a list of stock characters that the team has previously researched.
- Incorporate props and/or scenery to enhance the Skit.
- Integrate a randomly selected Unimpressive Superpower that is revealed during the Skit.

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## Challenge E: *Breaking DI News*



Educational Focus: *Structural Engineering, Materials Science, International Relations, Research, Innovation and Design Process, Mathematics, Theater Arts, Teamwork.*

### **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.

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## projectOUTREACH<sup>®</sup> *Band Together*



Educational Focus: *Service Learning, Research, Youth Empowerment, Teamwork, Marketing, Communication, Project Management*

### **The Destination: Where This Challenge Will Take You!**

Are you ready to make a difference in your community? Then fuel your passion and ignite your vision! In this Challenge, you'll design and implement a community-centered Project, and you'll use music to help you effect positive change. So band together, select a community need to address, and reach out with music to change our world!

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

- Identify community needs and use creative problem solving tools to select at least one need.
- Design and implement a team Project in your community that creatively uses music to address the need(s) you selected.
- Compile an Album to document the Project.
- Create and perform an entertaining Presentation that informs the audience about your Project.
- Include a Multi-sensory Aesthetic Experience in your Presentation.
- Create two *Side Trips* and integrate them into the Presentation.

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## Rising Stars!<sup>®</sup> *Weighty News*



Educational Focus: *Architecture and Structure, News Reporting, Research, Mathematics, Performing in front of an audience, Team problem solving, Teamwork*

### **The Destination: Where This Challenge Will Take You!**

News here, news there...news, news everywhere! A Structure has been discovered. It is made of newspaper and tape. What could it be? Why is it here? What does it look like? How strong is it? How can it be used? So many questions! Maybe if we see a newscast about it, the reporters will have some answers. Let's watch and see what's new in the news!