



Not the Droids You Are Looking for, Pennsylvania

## Use Your Imagination

### Objectives:

- Coming to a consensus
- Developing creativity

### Materials:

None

### Setup:

Write the word  
"NOITANIGAMI" on a paper.

### Instructions to Team:

You have 5 minutes to act out  
the word on the paper.

### Notes:

This Challenge is a test of the  
team's imagination and  
creativity and decision making  
skills.

The term "noitanigami" appears  
to be a made up word. How  
does the team handle this  
predicament?

In fact, the word "noitanigami"  
is mere the word "imagination"  
spelled backwards.

The team in the photo decided  
it sounded like "origami" and  
one student "folded" the others



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## Act it Out

### Objectives:

- Coming to a consensus
- Developing creativity

### Setup:

None

### Notes:

This Challenge is a test of the team's imagination and creativity and decision making skills.

### Materials:

None

### Instructions to Team:

You have 5 minutes to be a....

You can come up many different ideas: fish, airplane, carousel, car, etc.

In the photo above, the team was told to be a solar system. One girl stayed in the middle as the sun and the others acted as planets and moons.





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## Guess Who?

### Objectives:

- Getting to know teammates
- Respecting teammates

### Setup:

- Leave materials on the table
- Each student should be given 5 strips

### Notes:

This is a get to know you activity. Suggestions for what to write about: number of siblings, countries you have lived in, instruments you play, favorite food, something everyone else would be surprised by.

### Materials:

- Small strips of paper
- Pens
- A box

### Instructions to Team:

Each person should write 5 facts about themselves. Fold them and put them in the box when you are done. You will then pick a paper and guess which teammate it is about.

If they get their own paper, they should put it back in the box.



Photo: Animatronics, Pennsylvania

## Watch Your Step

### Objectives:

- Trusting teammates
- Giving good instructions

### Setup:

Leave the "mines" in random places across the floor

### Notes:

Listen to see if your team talks over each other and how they come up with a system of giving instructions to the person who was blindfolded.

### Materials:

- Red paper, cushions or anything to represent mines on the floor
- Blindfold

### Instructions to Team:

Pick one teammate to be blindfolded. This person will have to cross the room blindfolded only with the help of his/her teammates.

In the image above, the mines were columns in the room, and cushions on the floor.





Photo: Global Innovation Award 2016

## Recycled Art

### Objectives:

- Coming to a consensus
- Thinking creatively

### Materials:

- A random collection of recyclable objects
- Tape, glue, pins, etc.

### Setup:

- Leave all the items in the middle of the table

### Instructions to Team:

You have 5 minutes to create a sculpture out of any or all of the materials in front of you. This sculpture should represent your group.

### Notes:

Have the team present their idea at the end.

The goal is for the team to be as creative as possible in using the materials given to them.

They must also reach a consensus of what represents all of them and how it can be represented with the recycled materials.



Photo: Global Innovation Award 2016

## Prototype It!

### Objectives:

- Coming to a consensus
- Finding a way to represent project solutions

### Setup:

Leave all the materials on the table

### Notes:

This activity will be challenging for students especially when their project solution may not lend itself to a prototype very easily. The goal is to get them to find a creative way of representing their project.

### Materials:

- Random collection of objects - cardboard, bottles,
- Tape, glue,

### Instructions to Team:

Create a prototype or something to represent your FIRST LEGO League project solution using only the materials in front of you. You have 5 minutes.





Photo: Those Blue Girls & Droids, Pennsylvania

## If the Shoe Fits

### Objectives:

- Coming to a consensus
- Thinking creatively

### Setup:

Leave materials on the table

### Notes:

This activity requires the students to think outside the box very quickly. There are no right and wrong answers.

### Materials:

- Paper, pen
- A shoe for inspiration (optional)

### Instructions to Team:

You have 5 minutes to come up with as many innovative ways as you can to use a shoe. Make a list



Photo: Global Innovation Award 2016

Linked

**Objectives:**

- Coming to a consensus
- Working together in a small space

**Setup:**

- Arrange the chairs in 2 rows

**Notes:**

This activity requires the students to be comfortable being very close to each other/ touch each other.

**Materials:**

- As many chairs as students

**Instructions to Team:**

Each of you pick a chair. Now, reach and hold hands to make a long chain.

During the activity, listen to their conversation and decision making process.