

Not Quite **Destination ImagiNation®**

Instant Challenge

2004 IC PlayDay - Entry/Advanced Level

BLAST OFF!

Challenge: Your **TASK** is to create and launch three rockets from three launching devices.

Time: You will have up to 6 minutes to use your IMAGINATION to build your rockets and launching devices and practice launching your rockets, and up to 1 minute to launch your rockets for score.

Set-up: A Launch Pad is marked on the floor/ground. On a table are materials to use to build your rockets and launching devices.

Procedure:

•Part One (6 minutes): Build your rockets and launching devices. Don't forget to try some practice launches. Each rocket must be made from at least two different types of materials (not including mailing labels). Each rocket must have a separate and unique launching device. The action of the launching device, not the team member manning it, must be responsible for the movement of the rocket. At the end of Part One be sure to place a colored dot sticker on each of your rockets – this will be used for measurement in Part Two.

•Part Two (1 minute): Launch your rockets for score. Your launchers must be entirely within the Launch Pad while they are launching rockets. After the rockets are loaded to the launchers they may not be touched during launch. Each rocket may be launched as many times as you wish, but only the last launch will be counted for score. Three different team members must use the three different launching devices.

Materials:

2 Rubber Bands	1 Straw	1 Spoon	2 Paper Cups
1 Marble	2 Index Cards	4 Mailing Labels	1 Pipe Cleaner
3 Q-Tips	2 Craft Sticks	3 Paper Clips	12" String
1 Sheet Paper	1 Sheet Tin Foil	1 Paper Plate	

Three colored dots will also be given to your team for marking the rockets.

Scoring: You will receive

- 1 point for each foot (30 maximum) of the combined flight of your rockets.
- Up to 10 points (30 points total) for the creativity of each launcher.
- Up to 20 points for the creativity of your rockets.
- Up to 20 points for how well you team works together.

● **For Appraisers only:**

1. Mark a 2 foot square area as the Launch Pad. This challenge might best be done out of doors, in a driveway or similar, and the marking could be done with chalk. Allow up to 20 feet in at least one direction for travel of the rockets.
2. At the end of Part Two measure from the edge of the Launch Pad to the colored dot on each of the rockets and total the distance to the nearest foot.

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TEAM COPY

Challenge: Your **TASK** is to create and launch three rockets from three launching devices.

Time: You will have up to 6 minutes to use your **IMAGINATION** to build your rockets and launching devices and practice launching your rockets, and up to 1 minute to launch your rockets for score.

Set-up: A Launch Pad is marked on the floor. On a table are materials to use to build your rockets and launching devices.

Procedure:

Part One (6 minutes):

- Build your rockets and launching devices. Don't forget to try some practice launches.
- Each rocket must be made from at least two different types of materials (not including mailing labels).
- Each rocket must have a separate and unique launching device.
- The action of the launching device, not the team member manning it, must be responsible for the movement of the rocket.
- At the end of Part One be sure to place a colored dot sticker on each of your rockets – this will be used for measurement after Part Two.

Part Two (2 minutes):

- Launch your rockets for score.
- Your launchers must be entirely within the Launch Pad while they are launching rockets.
- After the rockets are loaded to the launchers they may not be touched during launch.
- Each rocket may be launched as many times as you wish, but only the last launch will be counted for score.
- Three different team members must use the three different launching devices.

Scoring: You will receive

- A. 1 point for each foot (30 maximum) of the combined flight of your rockets.
- B. Up to 10 points (30 points total) for the creativity of each launcher.
- C. Up to 20 points for the creativity of your rockets.
- D. Up to 20 points for how well you team works together.

BLAST OFF!

Materials:

(Tape to Table)

- 2 Rubber Bands
- 1 Straw
- 1 Spoon
- 2 Paper Cups
- 1 Marble
- 2 Index Cards
- 4 Mailing Labels
- 1 Pipe Cleaner
- 3 Q-Tips
- 2 Craft Sticks
- 3 Paper Clips
- 12" String
- 1 Sheet Paper
- 1 Sheet Tin Foil
- 1 Paper Plate