

Lego Challenge

A VIZ GAME IDEA

For more information go to: <http://viz.bd.psu.edu/viz/>

Description and Background:

People tend to believe that playing with blocks is for young kids. However, some research shows that playing with building blocks predicts math scores in both middle and high school. Playing with building blocks uses a variety of skills including planning, spatial layout, and teamwork. Typically, boys tend to get more experience than girls with building blocks.

Players:

Two players per team.

Materials:

- One bag of Lego's per team, with comparable amount/types.
- Each bag should contain a character, i.e., a Lego character, or animal etc. for Lego car to transport.
- Bags must also contain two axels, and four wheels.
- A main box or bin with excess Lego's to be traded if desired.

Objectives:

Using all of the pieces in the bag, teams must build a fast and stable car to transport their character. Cars will be raced, and the vehicle that goes the farthest without losing any pieces wins.

Instructions

How to Play/Rules:

Everyone will be broken up into teams of two. Teams will have fifteen minutes to build a fast and stable car to transport their creature. Teams are able to trade up to four pieces; however each team must go up to the bin one at a time, trading only one piece at a time. After the fifteen minutes has passed, teams will race their cars two at a time. The car that travels the farthest without losing pieces will challenge other cars. The last car to race/go the farthest distance wins!