

LEGO Option Course Outline

There are so many important skills students learn from LEGOs and all they have to do is create and build!



Skills Students Acquire from LEGO

- 1. Fine Motor Skills**-- Using LEGO bricks is the perfect opportunity for building fine motor skills! LEGO bricks are a great manipulative to work the fingers as student's build and even pick up LEGO pieces.
- 2. Science**--Cause and effect is one of the first science lessons a student learns!
- 3. Engineering**--This is all over LEGOs! Want to build a bridge? Then you must figure out what it takes to stand up.
- 4. Math**--Volume, quantity, one to one correspondence, symmetry, patterns, and more all can show up when a student builds with LEGOs.

LEGO Building Challenge Ideas

- build something with only one color of bricks
- build something with two colors of bricks
- build a bridge
- build something useful
- create a contraption with wheels
- build something as tall as possible
- create a large person
- create a monster
- create a pet
- build a maze (you will need boards for this one)
- build something in _____ minutes
- build a bird
- build a boat

Student expectations:

- Students will come prepared.
- Students will maintain a positive attitude.
- Students will demonstrate respect for themselves, others, and the equipment.