

Introduction to LEGO Engineering for primary students grades 1-2



Offered by Chris Miller

- **Attention Young Inventors!**
- Students will work as young scientists and engineers, investigating and understanding the operation of simple and compound machines found in everyday life.
- They will develop creative problem solving skills and communication of ideas while building 3D LEGO machines for a scenario based on midway carnival attractions for a county fair.
- Projects include a mini merry-go-round, go-cart, popcorn cart, wheelbarrow, crazy floors, and more!
- Students make use of the scientific method (using all the steps,) while having a lot of fun!

Dates: July 5-7 and July 12-14

Time: 10 AM-11:30 AM

Location: TBD

Who: Current 1st and 2nd graders (2020-2021 school year) who enjoy working with small LEGO pieces and can follow directions.

Price: \$175. All materials are furnished for the course, and will be returned to Mrs. Miller at the end of the course. Students will take home a portfolio and photos of their activities, at the end of the course.



Registration Form for Workshop - (**Introduction to LEGO Engineering-
Course 101**)

Student Name _____

Parent Names(s) _____

Phone number: _____

Emergency name and phone number _____

Email address: _____

Current Grade of Student _____ Student's teacher _____

Please have workshop registration forms, including the Ave Maria Hold Harmless Form and payment, turned in to Mrs. Miller by Monday, **May 3, 2021**

Make checks payable to Chris Miller.

HOLD HARMLESS/INDEMNITY AGREEMENT

Parish/School: Ave Maria Catholic School

Student: _____

Parent/Guardian: _____

Independent Contractor or tutor): **Mrs. Chris Miller**

Date(s) of Activity or usage: July 5-7 and July 12-14, 2021

Type of Activity or Usage: **Introduction to LEGO Engineering (Course 101)**

The above named parent/guardian acknowledge that they have independently contracted to the above named independent contractor and Ave Maria Catholic Parish, Ave Maria Catholic School and the Diocese of Colorado Springs have no involvement or responsibility in the contractual relationship between the Student, parent/guardian, or independent contractor. The above named parent/guardian agree to defend, protect, indemnify and hold harmless Ave Maria Catholic Parish, Ave Maria Catholic School and the Diocese of Colorado Springs against and from all claims arising for the negligence or fault of the above named independent contractor or any of their agents, family members, officers, volunteers, helpers, partners, organizational members or associates which arise out of the above named activity or usage at Ave Maria Catholic School.

Additionally, the above named parent/guardian agrees to protect, defend, hold harmless and fully indemnify Ave Maria Catholic Church, Ave Maria Catholic School, and the Diocese of Colorado Springs for any claim or cause of action whatsoever arising out of the above mentioned activity or usage which takes place during the above identified date(s) of activity or usage that is brought against Ave Maria Catholic Church, Ave Maria Catholic School, and the Diocese of Colorado Springs by the above named student and/or parent/guardian or their family members whether such claim arises from the alleged negligence of the parish/School, its employees or agents or student and/or parent/guardian's negligence.

Signed: _____

Printed Name: _____

Date: _____