



PROVIDENCE

Our Lady of Providence High School

**STEM CLUBS
2017-2018**

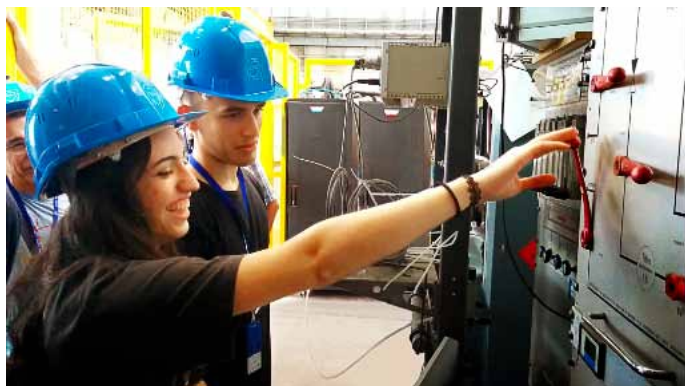
PROVIDENCE

Our Lady Providence High School

For information please contact Laura Swessel
lswessel@providencehigh.net

SCIENCE | TECHNOLOGY | ENGINEERING | MATHEMATICS

**STEM CLUBS
2017-2018**



Three age groups:

- 1st through 3rd Grade ~ 9/5, 9/26, 10/24, 11/7, 11/28
- 4th through 6th Grade ~ 9/19, 10/17, 10/31, 11/14, 12/5
- 7th through 9th Grade - 9/7, 9/28, 10/26, 11/9, 11/30

Mrs. Swessel will begin accepting pre-registration emails at 6:00 a.m. on 8/14/17 on a first-come, first-serve basis.



What are the Providence STEM Clubs?

Five after-school meetings with lessons and activities centered on STEM (Science, Technology, Engineering and Math) up to 30 campers per age group.

Daily Schedule

Grades 1-3 9/5, 9/26, 10/24, 11/7, 11/28
Grades 4-6 9/19, 10/17, 10/31, 11/14, 12/5
Grades 7-9 9/7, 9/28, 10/26, 11/9, 11/30

Cost per Student \$15 for all five sessions

Cost Includes Equipment and materials for activities.



Each week will feature

- Week 1** Science education and activities
(Biology, Chemistry, Earth/Space, Physics)
- Week 2** Technology education and activities
(Computer Programming, Apps, 3-D Printer,
Basic Circuitry)
- Week 3** Engineering education and activities
(Mechanical, Electrical and Civil Engineering)
- Week 4** Math education and activities
(Math activities will vary according to age
groups, but will support other parts of STEM)
- Week 5** STEM Careers

About the camp coordinator, Mrs. Laura Swessel:

B.S in Aerospace Engineering from MIT
M.S. in Mechanical Engineering from NJIT
(New Jersey Institute of Technology)
20 years engineering experience in the
Aerospace, Automotive, Appliance and Healthcare Industries
14 years teaching Physics at Indiana University Southeast
5 years teaching Physics, Earth/Space and Scientific Research at
Our Lady of Providence Jr.-Sr. High School

Fun facts about Mrs. Swessel:

Has a patent for a satellite fuel gauge
Was a 4-year starter on the M.I.T. softball team
Founder and Faculty Adviser for the PHS Hiking Club
Founder and Faculty Adviser for the PHS Computer “Koding” Club

How to REGISTER:

For information please email Laura Swessel at:
lswessel@providencehigh.net

***email reservations are required and will not be accepted
before 6:00 a.m. on Mon., 8/14/17.**

Checks should be payable to “Providence” and mailed to:

PHS STEM Camp 2017-2018 - Attn: L. Swessel
Our Lady of Providence High School
707 Providence Way, Clarksville IN 47129

REGISTRATION

Providence STEM Camp 2017-2018

Camper's Name _____
Camper's School in 2017-18 _____ Grade ____
Parent Name _____
Parent email _____
Parent Cell Number _____
Street Address _____
City/State/Zip _____