






# AQUAPONICS & SUSTAINABILITY PROGRAM

## 2018-2019 Program Application Form

### THE DOOR CAMPAIGN

*Our mission is to open doors and create educational pathways for youth affected by generational poverty in the Pittsburgh region.*

-  Goal 1: Promote equitable access to STEM resources for all students in the Pittsburgh region
-  Goal 2: Cultivate interest in STEM among our region's youth
-  Goal 3: Increase STEM career opportunities for our students

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### THE 2018-2019 AQUAPONICS & SUSTAINABILITY PROGRAM

The Aquaponics & Sustainability Curriculum engages students with flexibly scheduled weekly lessons and activities that explore STEM concepts, applications, and careers.

- Project-based learning model that offers 6 weeks of ecology & biology lessons, 4 weeks of sustainability lessons, and 4 weeks of STEM projects and experiences
- Aligned to PA Core Standards, Next Generation Science Standards, Biology Keystone Assessment Anchors
- Includes measurement instruments to track students' success
- Ongoing classroom support to help in implementing the program
- Aquaponics system and maintenance materials provided by The Door Campaign
- Key Changes from 2017:
  - Redesigned curriculum
  - More opportunities for project-based and experiential learning

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### RECOMMENDED PROGRAM TIMELINE

Late September | Module 1: Introductions (2 weeks)

Late October | Module 2: Ecology & Biology (6 weeks)

January | Module 3: Sustainability (4 weeks)

February | Module 4: Project Based Learning (4 weeks)

March | Experiences/Field Trips

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## CLASSROOM SIGN-UP PROCESS

Step 1 | Complete this classroom enrollment application

Step 2 | Submit this form to Ashley Rodrigo, Site Coordinator, [ashley@thedoorcampaign.org](mailto:ashley@thedoorcampaign.org)

Step 3 | The Door Campaign will send you a confirmation and next steps

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## BASIC INFORMATION

Teacher Name: \_\_\_\_\_ School: \_\_\_\_\_

E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

School Address: \_\_\_\_\_

Years in Program \_\_\_\_\_ Desired Start Date: \_\_\_\_\_ Desired End Date: \_\_\_\_\_

- I would like to join The Door Campaign Education Advisory Committee
  - I would be interested in participating in a teacher focus group at the end of the year
  - I would like to receive TDC's monthly e-newsletters
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## CLASSROOM IMPLEMENTATION

Schedule: Please identify the day(s), class period(s) and time(s) that you will utilize the curriculum in your classroom.

Day(s) of the Week	Class Period(s)	Time(s)	# of Students
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			

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## CLASSROOM IMPLEMENTATION CONT.

Meet The Door Campaign: Initial meeting with TDC staff to discuss program timeline and dates.  
*Please choose the date(s) that work best:*

Monday 9/17 \_\_\_ Tuesday 9/18 \_\_\_ Wednesday 9/19 \_\_\_ Thursday 9/20 \_\_\_ Friday 9/21 \_\_\_

Module 1: Introductions (2 weeks) - *Please choose the date(s) that work best:*

Introduction Week 1: TDC introductions, survey and observation

Monday 9/24 \_\_\_ Tuesday 9/25 \_\_\_ Wednesday 9/26 \_\_\_ Thursday 9/27 \_\_\_ Friday 9/28 \_\_\_

Introduction Week 2: Introduction to aquaponics and fish-less cycling, partial tank setup

Monday 10/1 \_\_\_ Tuesday 10/2 \_\_\_ Wednesday 10/3 \_\_\_ Thursday 10/4 \_\_\_ Friday 10/5 \_\_\_

Student Photo Release Forms: The Door Campaign relies on photos of students in the classroom to promote our work. We want to showcase your students and their progress throughout the year.

Does your school collect photo release forms from your students at the beginning of the school year? Yes No

As a school affiliated organization, can The Door Campaign also utilize these photo release forms?  
Yes No

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## SIGNATURE

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date