

**PENNGEMS PROGRAM 2018**

**JUNE 25 – JUNE 29, 2018**

**SCHOOL OF ENGINEERING AND APPLIED SCIENCE**

**UNIVERSITY OF PENNSYLVANIA**

**Penn GEMS Summer Camp Teacher Recommendation Form**

**TO THE STUDENT: Enter your name here**

**\_\_\_\_ RIYA SENTHIL \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

*Ask a teacher who has taught you mathematics, science or humanities within the past two years to complete this form and return it to you in a sealed envelope. Send it in with the rest of your application*

**TO THE TEACHER**: The student above has applied to the Penn GEMS summer program offered by the School of Engineering and Applied Science at the University of Pennsylvania.

**Program Description**:

The GEMS Summer Camp is dedicated to providing hands-on activities to engage middle school girls in applied science, technology and engineering.

Goals:

\*To introduce engineering to girls through nanotechnology, materials science, bioengineering, graphics and computing.

\*To make connections with role models and mentors that will help them to visualize themselves as engineers.

\*To encourage girls to continue studying math, science and computing and to think about studying engineering in college.

\*Emphasis on real-world problem solving, collaboration, teamwork and building self-efficacy.

**Eligibility**

 Is currently a 6th, 7th or 8th grader

 Has at least a B average

How long have you known the applicant?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

In what capacity?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1**. Rate the student on evidence you have seen of **mathematics potential**. Circle your rating on the scale below (1 = lowest; 5 = highest).

1 2 3 4 5

Please add comments to elaborate on your rating:

**2**. Rate the student on evidence you have seen of **science potential**. Circle your rating on the scale below (1 = lowest; 5 =highest).

1 2 3 4 5

Please add comments to elaborate on your rating:

**3**. Rate the student’s ability to work in a group (1 = lowest rating, 5 = highest rating).

1 2 3 4 5

Please add comments to elaborate on your rating:

**4**. Rate the student’s ability to work independently (1 = lowest rating, 5 = highest rating).

1 2 3 4 5

Please add comments to elaborate on your rating:

**5.** Please comment on the student’s maturity.

**6.** Please comment on areas of growth the student is working on in terms of social and interpersonal development.

**7.** Please indicate what grade you have given the student on their most recent report card

**8**. Please make additional comments that would be useful to the selection committee.

Teacher’s name (print) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Teacher’s signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Email\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

School name and address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Please return this form to the student in a sealed envelope, and sign your name across the seal. You may also e-mail this form directly to awe@seas.upenn.edu. If you e-mail it, it must come directly from the teacher and not from the student or parent.**