

# Summer 2019 AEROSPACE TEACHER EXTERNSHIP June 10 – 14, 2019

## Overview & Guidelines

**DESCRIPTION:** The Aerospace Teacher Externship is a initiative of Team NASA, a collaboration of aerospace contractor and community representatives working in partnership with NASA Johnson Space Center. Team NASA promotes outreach in science, technology, engineering and math education to help increase interest and awareness in technical careers.

The intent of summer externships is to provide opportunities for educators to participate for a one-week period in business and/or industry to form connections between educational curriculum and business and industry skills needed for a 21<sup>st</sup> century knowledge-based economy.

Teachers accepted to the Externship Program and who complete all 40 hours will be eligible to receive professional development credits through a partnership with Space Center Houston/Manned Space Flight Education Foundation.

**RATIONALE:** The externship is a chance to use a "business classroom" to connect education skills with what is happening in the workplace and to clarify for teachers the vast number of options available to students. Teachers involved in an externship get the chance to practice or observe current technology, view the myriad possibilities within a diverse range of career fields, and learn what new skills, knowledge, and further education are necessary for the careers in the academic areas in which they teach.

**GOALS:** Through externships, teachers will:

- Be introduced to modern workplace equipment and actual workplace problems
- Have the chance to work with employers to gain a better understanding of the skills needed to be successful in the workforce
- Learn ways to connect the classroom to the modern workplace
- Help employers understand the importance of classroom instruction and how that impacts the quality of their future workforce
- Gain an understanding how academic fields relate to specific careers and industries
- Build alliances with local employers and gain a personal mentor currently in the non-academic workforce.

**OUTCOMES:** At the completion of externships, educators will have:

- An informed perspective of the workplace and community
- A reflection of school as preparation for the workplace and civic life
- A clearer understanding of the connection of the workplace to curriculum
- Classroom instruction plans which augment the externship experience
- A relationship between a business stakeholder and a public school

# AEROSPACE TEACHER EXTERNSHIP

After completing the application online, please review and sign the following agreement and return to the Aerospace Teacher Extern Program Administrators.

## Scan & return

via e-mail to: [joyce.b.abbey@saic.com](mailto:joyce.b.abbey@saic.com)

OR

via regular U.S. mail to:

Joyce Abbey, Employee Communications & External Relations Director

SAIC

2450 NASA Parkway

Houston, Texas 77058

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## 2019 Aerospace Teacher Extern Program Teacher Agreement

*I, the undersigned, have submitted an application online and I agree to the terms of the externship. I will provide the required documentation upon completion of the externship, to the 2019 Summer Aerospace Teacher Extern Coordinator. I understand that failure to turn in any or all of the required documentation consisting of the Final Report, the daily journal of activities, and lesson plans by Aug. 16, 2019, will mean forfeiture of professional development credit.*

Teacher Name (printed): \_\_\_\_\_

Teacher Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## School Support Agreement

*The Administration (teacher direct supervisor/principal/department chair) of \_\_\_\_\_ Elementary/Middle School agrees to the above requirements for the above teacher serving in the 2019 Aerospace Teacher Externship Program and understands the terms and requirements regarding reporting.*

School Administrator Name (printed): \_\_\_\_\_

School Administrator Signature: \_\_\_\_\_ Date: \_\_\_\_\_