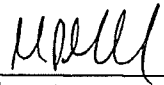
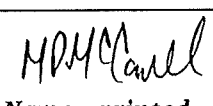


**GRANTS PROJECT COORDINATION**

**PROJECT PROFILE**

\*Forms should be submitted to Mike Bejarano, School Operations  
Executive Director Student Services



<b>Working title:</b>	Air and Space Centers
<b>Target population:</b> <i>(Which schools, grades, staff, etc. are impacted?)</i>	Innovation Academy 2nd grade
<b>General problem addressed by the project:</b>	Creating opportunities for students to solve problems related to aerospace engineering in small groups
<b>Project Synopsis:</b> <i>(Please also attach the proposal abstract or any additional clarifying information needed.)</i>	Students will develop a curiosity for aerospace engineering through exploration, sometimes failure, success, research, and perseverance. The products will be working models, new design ideas, and most importantly, a larger depth of understanding.
<b>Source and amount of funding requested:</b>	\$225-\$250 <span style="float:right">COST REIMBURSEMENT GRANT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>Funding will pay for:</b> <i>(People, equipment, materials, training, services, supplies, etc.)</i>	Thames & Kosmos Matter and Energy Physics Workshop \$50 Thames & Kosmos First Aircraft Engineer \$45 Snap Circuit Motion \$60 Magic Cabin Goobi (180 piece set) \$70
<b>District contribution(s):</b>	\$0
<b>Potential partners &amp; their contributions:</b>	Civil Air Patrol
<b>Sustainability plan:</b> <i>(Explain how the project will be sustained without committing district funds)</i>	There is no need for sustainability as tools can be used for many years in order to find solutions for many problems.
<b>Principal/Department Authorization:</b>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">               _____              Signature              Date 5/7/2018         </div> <div style="text-align: center;">               Name, printed         </div> </div>

ok S. Little 5-9-18

<b>Submitted by:</b>	<u>Mabel Rivera</u>		Mabel Rivera				
	<i>Signature</i>		<i>Name, printed</i>				
	<i>Date 5/7/18</i>		<p>By signing this document, I acknowledge that purchases must follow the district's required bidding/purchasing process and will adhere to USFR* regulations and any other reporting requirements of the funder. <i>All fixtures, equipment and instructional materials (or other improvements) received under this grant will become the property of the Amphitheater School District and not the applicant.</i></p>				
<b>Phone &amp; Email:</b>	4611 mmcconne@amphi.com		<table border="1"> <tr> <td data-bbox="1073 468 1268 506"><b>Date</b></td> <td data-bbox="1268 468 1503 506">5/7/18</td> </tr> <tr> <td data-bbox="1073 506 1268 554">:</td> <td data-bbox="1268 506 1503 554"></td> </tr> </table>	<b>Date</b>	5/7/18	:	
<b>Date</b>	5/7/18						
:							

\*USFR = Uniform System of Financial Records required by ADE and the Auditor General's office for bookkeeping & reporting methods on expenditures.



**EDUCATOR GRANT APPLICATION**  
 Form also found at AFA link at  
[www.capmembers.com/ae](http://www.capmembers.com/ae)



**AIR FORCE ASSOCIATION  
 AE GRANT APPLICATION FOR CAP EDUCATOR MEMBERS**  
 CAP Aerospace Education Member (AEM) or  
 CAP Sr Member Who is an Educator

**Educator Name:** Mabel Rivera

**CAP ID#:** 600347

**Educator E-mail Address:** msrivera545@gmail.com

**Educator's School/Organization Name, Mailing Address, Zip:**

Innovation Academy  
 825 W. Desert Fairways Dr.  
 Oro Valley, AZ 85755

**Project Impact:**

**# of youth involved:** 125      **Grade Level(s) of youth:** 2-3

**Check all STEM areas involved in your project:**

Science       Technology       Engineering       Math

**Check the correct Educator Grant Cycle Due Date:**

March 31       September 30

**Please provide a narrative response to each area on next page to describe how the AFA/CAP Grant will be used to promote science, technology, engineering and math (STEM)-related initiative and career options via the aerospace theme. To increase chance of being selected, provide thorough responses.**

**Submit to Civil Air Patrol/Aerospace Education by Cycle Due Dates to:**

[afa@capnhq.gov](mailto:afa@capnhq.gov)

**1. Project Objective (Purpose):**

This project will bring a new element into our maker space. Students will learn how to create models of aircrafts. These models will sometimes be programed to move, or to create new ideas for aircraft models. Students will learn the effects to weight, speed, programming, and design on an aircraft. The kids will be able to see how past problems were solved, and seek to understand the science of aerospace engineering at their learning level. In the end, I hope that students gain a desire to learn more about aerospace engineering in the future.

**2. Project Description (Plan):**

Teachers in our pod (grades 2-3) will work together to create problems that students can investigate with the tools that I am seeking for the project. We will create units in our maker lab with a problem based focused throughout the year in order to investigate the different aspects of aeropace engineering. The units will be connected to texts that I have obtained from the Civil Air Patrol and the related activities that are age appropriate. The depth of the projects and products will honestly depend on the students themselves and the extent that they desire to investigate.

The projects will include the engineering design process, and will incorporate all STEM subjects, incuding research and writing about findings, plans, and redesign efforts. It would be incredible to have one or more volunteers from CAP to come and talk to students and even to help students with design ideas.

**3. Budget (How specific amounts of funds will be used):**

Thames & Kosmos Matter and Energy Physics Workshop \$50  
Thames & Kosmos First Aircraft Engineer \$45  
Snap Circuit Motion \$60  
Magic Cabin Goobi (180 piece set) \$70

**4. Desired Project Outcome:**

The desired outcome is that students will develop a curiosity for aerospace engineering through exploration, sometimes failure, success, research, and perseverance. The products will be working models, new design ideas, and most importantly, a larger depth of understanding.



## Partners for the Future

*For many years, the Air Force Association has recognized the significant aerospace contributions of Civil Air Patrol to our nation. In an effort to demonstrate the esteem AFA holds for the work CAP members accomplish throughout our country, the AFA provides grants and awards for our adult and youth members. You have benefitted from the generous sponsorship of an AFA/CAP Educator Grant. In order to share with AFA the impact your grant has had upon the youth with whom you work, you are requested to complete and return this grant report form to [afa@capnhq.gov](mailto:afa@capnhq.gov) and add a couple of approved photos for our use, if possible!*

**Date Grant Received:**

**Date of Grant Report:**

⇒ **AFA'S CAP EDUCATOR MEMBER AE GRANT REPORT for GRANT RECIPIENTS**

**Educator Name:**

**E-mail:**

**Educator School or Organization and Address:**

In the space below, and, if needed, on the back of the paper or on another paper, please describe how the AFA/CAP Grant was used. If possible, please send a digital photo electronically. These may be used in future publications, so please add description of photo, and ensure any students have permission for use.

**Project Objective:**

**Project Description:**

**Project Outcome:**

**Point of Pride with the Project:**

**Project Impact: # of students involved**

**Grade level of students:**

**Further Comments:**

Save and attach completed report to an e-mail and send it and any digital photos (approved for use) to: [afa@capnhq.gov](mailto:afa@capnhq.gov)



NATIONAL HEADQUARTERS  
CIVIL AIR PATROL  
UNITED STATES AIR FORCE AUXILIARY  
105 South Hansell Street  
Maxwell Air Force Base, Alabama 36112-6332



May 5, 2018

Dear Educator:

*Mabel*

Congratulations on your selection as a recipient of an Air Force Association (AFA) AE Grant for CAP Educator members! We hope the funds will come at an opportune time for you and will enhance the educational program you are providing for your students..

As you may know, AFA's generous financial support of CAP's aerospace education mission enables us to offer these aerospace education grants to our educator members. As a component of this sponsorship, CAP provides the AFA an annual budgetary report to share the impact their donation is having on the youth of America. Thus, it is requested that you provide a grant report within a three-month period. A report form, with instructions for return, has been attached for your use. You can also complete and submit the Teacher Grant Report Form online at <http://ae.capmembers.com/programs/grants/>. Sending a couple of nice digital photos of your grant "in action" with some students (who have media permissions at your school) is always nice for me to send to the AFA. Please send photos via e-mail with your report.

Again, congratulations on receiving the grant to further promote the exciting theme of aerospace/STEM education to your students while enriching your curriculum and providing relevance and applicability to skills instruction. Our country's future aerospace/STEM workforce depends on the extraordinary efforts of educators, just like you!

Most Sincerely,

*Susan Mallett*

Youth Development and AFA Programs Coordinator  
National Headquarters, Civil Air Patrol  
[afa@capnhq.gov](mailto:afa@capnhq.gov)  
334-201-5224



*Where Imagination  
Takes Flight*


\*\*\* Please cash or deposit the check within 90 days of the date on the check to avoid it being voided.

X *Mabel Rivera*

*Payable to Innovation Academy*

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Heat Sensitive Ink: Red image will fade with heat. Rub, hold between thumb & finger or breathe on image for reaction.

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CIVIL AIR PATROL  
OPERATING ACCOUNT  
105 SOUTH HANSELL STREET, BLDG 714  
MAXWELL AFB, AL 36112-6332

DATE  
05/04/2018

PAY TO THE ORDER OF

\*\*\*\*TWO HUNDRED FIFTY AND 0/100 US DOLLARS

\$\*\*\*\*\*250.00 DOLLARS

2 SIGNATURES REQUIRED OVER \$10,000  
VOID IN SIX MONTHS

Mabel Rivera  
825 W. Desert Fairways DR  
Oro Valley, AZ 85755

*Mabel Rivera*



AUTHORIZED SIGNATURE

Memo

⑈007487⑈ ⑆062006505⑆ 1110045026⑈

NATIONAL HEADQUARTERS CIVIL AIR PATROL OPERATING ACCOUNT

007487

Document No.	Date	Posting Description	Amount	Discount	Net Amount
050318RIVER	5/3/2018	AFA Educator Grant/Mabel Rivera	250.00		250.00

Check No. 7487

Total 250.00

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