

Mason's Patriot Innovation Academy

Overview of Major
Application components



Overview

- *Innovation* and *Incubation* are the primary purposes and Goals of PIA
- Research –based Lab for FCPS in authoring pedagogical processes with less cost and equally high or higher student results
- Research-based Lab for Mason to work on the training of teachers and administrators
- Major metric – 100% of PIA students will meet or exceed current SOL performance in FCPS.
- **Not changing WHAT kids learn, but how/when they learn it (changing pedagogical processes to focus on content vs. seat time)**

Mission and Vision

- Problem-based Learning
- Digital-rich learning environment
- 21st century skills
- Self-regulated Learning through guided Independent Study
- Everyone at PIA is a learner (students, teachers, interns, Mason faculty, administrators)

Educational Program-Waivers

- Seat hours by core content
- Class size
- Staffing

Educational Program-Sample Schedule

Abigail Adams	Week 1	Monday	Tuesday	Wednesday	Thursday	Friday
Period 1/2	7:25-8:55 AM	Band	Problem Based Learning	Band	Problem Based Learning	Band
Period 3	9:03-10:36	Advisory	Flexible Group Work	Flexible Group Work	Flexible Group Work	Flexible Group Work
LUNCH	10:36-11:06 AM	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
Period 4/5	11:14 AM-12:38 PM	Health/PE	Independent Study	Health/PE	Independent Study	Health/PE
Period 6/7	12:46-2:10 PM	Spanish	Online Learning	Spanish	Online	Spanish

Abigail Adams	Week 2	Monday	Tuesday	Wednesday	Thursday	Friday
Period 1/2	7:25-8:55 AM	Problem Based Learning	Band	Problem Based Learning	Band	Problem Based Learning
Period 3	9:03-10:36	Flexible Group Work	Advisory	Flexible Group Work	Flexible Group Work	Flexible Group Work
LUNCH	10:36-11:06 AM	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
Period 4/5	11:14 AM-12:38 PM	Independent Study	Health/PE	Independent Study	Health/PE	Independent Study
Period 6/7	12:46-2:10 PM	Online Learning	Spanish	Online	Spanish	Online Learning

Advanced Mathematics Options

Option 1

- Direct instruction as needed from PIA teacher

Option 2

- Online

Option 3

- Part of independent study


Option 4

- Utilize services at LBSS

Educational Program-Electives

- Each student will take 2 elective courses in addition to the required Health/PE.
- Electives will be based on the offerings and schedule of LBSS.
- Additional elective objectives will be included in interdisciplinary curriculum development.

Educational Program-Content Map

Interactions between organisms LS.8.a	Predator/prey LS.9.b	Food webs LS.7.b	Genetic drift; genetic bottleneck LS.14.c	Experimental method LS.1.g	Habitats LS.11.b	Ecosystems LS.7.b
Niche LS.9.e	Producer/consumer LS.9.a	Human impact on environment LS.12.b	Science	Disease LS.11.b	Energy pyramids LS.7.d	Invasive species LS.11.b
Research 9.a.5, 9.a.6, 9.c	Audience 7.a.1	Bias 3.b.4, 3.b.7	Ferret It Out	Mathematics	Proportions 7.4.a	Land measures (scale drawing) 7.4.a
Produce research product 9.a, 9.b, 9.c, 9.d	Purpose 6.f	Language Arts		Graphs 7.11.a, 7.11.b	Ratios 7.4.a	Statistics 7.10
Develop persuasive writing 7.a, 7.b, 7.c, 7.d, 7.k	Non-fiction texts 6.d, 6.e, 6.f, 6.h, 6.i, 6.k, 6.l	Edit writing 8.b, 8.c, 8.d, 8.e, 8.f	Social Studies	Powers of government 6.a, 6.c.1	Analyzing primary sources 1.a.1	Evaluate and debate 1.e
	Draw conclusions 6.d.1	Legislative branch powers 6.a.2, 6.b.3	Multiple perspectives 1.d	Economics 11.c.2	Lawmaking process 6.c.2, 6.c.3, 6.c.4	Analyze maps 1.f.1

Educational Program-Special Services

- Teachers will be dual certified including ESL and Special Education certifications.
- Special Education funding and services is allocated once enrollment is complete.
- Specialized services will be handled through the Affiliate Agreement and LBSS staff.
- The proposed educational program is flexible enough to accommodate the most common services (extra time, preferential seating, etc.).

Governance-Structure of Governing Board

- Governing Board: Mark Ginsberg, Jack Dale, Scott Bauer, Libby Hall, Community Representative (TBD)
- Governing Board reports to Mason's BOV

Governance-Executive Director

- Executive Director = Mason Professional Faculty Member
- In the event the Executive Director is not able to perform his/her duties, the Governing Board will designate an interim Executive Director

Governance-Licensure

- PIA teachers will be FCPS and members of the Mason Affiliate Faculty
- Mason faculty will not be in direct teaching roles in classrooms at PIA but will serve in supplemental, ancillary roles (demo lessons, co-teaching in small ways – comparable to PDSs)

Management Structure

- Executive Director (Mason employee)– reports to the Governing Board and the Dean CEHD
- Six dual-certified teachers (FCPS employees) report to Executive Director
- Hourly clerical/financial support (FCPS employees) report to Executive Director
- Graduate Research Assistant: Research Support (Mason Graduate students) report to Executive Director
- Other support staff such as custodial, counselors, librarians, etc. (FCPS employees) report to LBSS Principal or designee

Financial and Operations Information

- Affiliate Agreement sets up the subcontract arrangement between FCPS and Mason
- Mason oversees the governance and management and FCPS contractually operates PIA
- Insurance: PIA will be viewed in this regard as an entity of FCPS which is self-insured; that insurance will cover PIA (this is also addressed in the Affiliate Agreement)
- Assurances – timelines are impacted by State process

Budget

- The PIA Executive Director will be responsible for managing the PIA operational budget. School operations, under the direction of the PIA Executive Director, will be provided by Fairfax County Public Schools as detailed in the Affiliate Agreement.
- Funding for Executive Director is requested

Timeline

- All timelines will be adjusted according to approval
- Currently underway:
 - Conditional Search to hire Executive Director
 - Communications, Website Development, Marketing planning
 - Curriculum development and planning
 - Professional development/Teacher preparation planning