

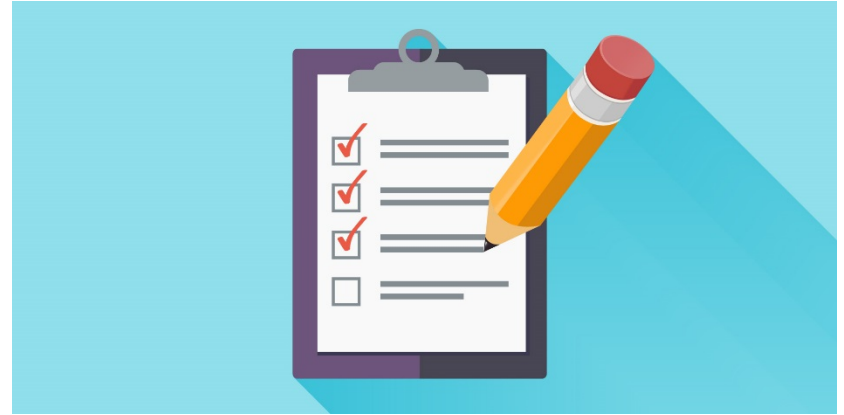


PCC PATHWAYS

MATH JAM

Presented by: Jay Cho, Taleen Seropian, and Lily Tran

Goals



In this workshop, we'll learn

- The Outcomes of Jam
- An Overview of Jam curriculum
- About Jam Personnel and Staff

By the end, you'll have

- An action plan to create your own version of Jam
-

Let's Play Kahoot!



Using your smart device,
please visit:

[https:// kahoot.it](https://kahoot.it)

Your Orientation Experience

The following are only guides for discussion:

- What were the most significant moments?
- What was the most helpful aspect?
- What was the least helpful aspect?
- Strengths and weaknesses?
- If you had to do it over, what would you change?





Math Jam 2011



Math Jam 2012



Math Jam 2013





Math Jam 2015



Math Jam 2016

The First Year Pathways Process

Fall	High school outreach/recruitment
April	PCC application, pre-assessment prep, on-site placement assessment, FYP application
June/July	Info sessions at PCC -- guaranteed full schedule, priority registration
August	Summer bridges (Math Jam and iJam)
Fall	Full-time student status Contract and passport “One Book, One College” and FYP Student Conference
Spring	Full-time student status Contract and passport Career exploration

Brief Overview of Math

--- Jam

WHO

First Year Pathways Students

WHAT

Orientation to College


WHEN

1 week in August
Mon-Fri, 9-4pm (1-hr for lunch)


WHERE

PCC Campus

Students meet in the **QUAD** on the first day of their assigned Jam week.



Students are directed to their **HOMEROOM** for the week based on their math level (4 math levels: College, Int. Algebra, Beg. Algebra, Numerical Foundations)



Students are further divided into **TUTOR GROUPS** (usually 10-15, sometimes 30) for the week.

Week 1				
Tuesday 08/02/16	Math 450/402	Math 125	Math 131	Math 3+
Special Notes	Do Campus Scavenger Hunt		Get Lancer ID Cards (C-121 & Harbeson Hall)	Do Campus Scavenger Hunt
8:00 - 8:30	Not Here	Not Here	Not Here	Not Here
8:30 - 9:00	Tutors & Faciliators Meeting - V210	Tutors & Faciliators Meeting - V210	Tutors & Faciliators Meeting - V210	Tutors & Faciliators Meeting - V210
9:00 - 9:30	HOMEROOM: TLC	HOMEROOM: FORUM	HOMEROOM: CREVELING	HOMEROOM: CIRCADIAN
9:30 - 10:00	HOMEROOM: TLC	HOMEROOM: FORUM	HOMEROOM: CREVELING	HOMEROOM: CIRCADIAN
10:00 - 10:30	Math	Math	Math	Math
10:30 - 11:00	Math	COUNSELING - VARIOUS ROOMS	Math	Math
11:00 - 11:30	Math		Math	Math
11:30 - 12:00	Math		Math	Math
12:00 - 12:30	Lunch	Lunch	Lunch	Lunch
12:30 - 1:00	Lunch	Lunch	Lunch	Lunch
1:00 - 1:30	Math	Math	COUNSELING - VARIOUS ROOMS	Math
1:30 - 2:00	Math	Math		Math
2:00 - 2:30	Math	Math		Math
2:30 - 3:00	COUNSELING - VARIOUS ROOMS	Math	Math	COUNSELING - VARIOUS ROOMS
3:00 - 3:30		Math	Math	
3:30 - 4:00		Math	Math	
4:00 - 4:30	Tutors & Faciliators Meeting	Tutors & Faciliators Meeting	Tutors & Faciliators Meeting	Tutors & Faciliators Meeting
4:00 - 4:30	Financial Aid - Open Lab (TLC-V102)			
4:30 - 5:00				

Math Jam Outcomes

- Connectedness to the campus community
 - Knowledge of campus resources
 - Complete Comprehensive Educational Plan
 - Decreased math anxiety
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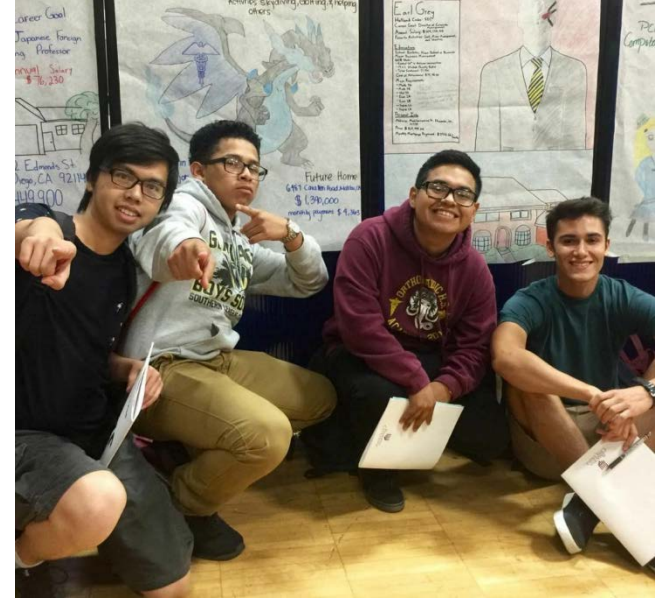


Notable Math Jam Characteristics for **Staff**



- Building relationships among Student Success Team (Tutors, Coaches, Counselors)
 - Professional development opportunities for tutors and instructors
 - Engagement between tutors and instructors
 - Campus-wide collaboration and its impact
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Notable Math Jam Characteristics for **Students**



- Stress-free environment in which to study math and explore future career/major goals
 - Interactive, project-based learning curriculum
 - Building relationships with Student Success Team (Tutors, Coaches, Counselors)
 - Acclimation to the campus and its resources
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Day 1

- **Counseling:** Career
- **Math:** Get to know each other with numbers

Day 2

- **Counseling:** Major Prep
- **Math:** Building Character

Day 3

- **Counseling:** General Ed
- **Math:** Let's Get Schooled

Day 4

- **Counseling:** Ed Planning
- **Math:** It's all about PCC

Day 5

- **Counseling:** Meet your Coach
- **Math:** Putting it all Together

Student Jam Reflections

“I was able to plan and meet with other people who aspire to be great.”

“Overall, I came into Math Jam dreadful and unexcited, but at the end I’m grateful they have this program requirement because it absolutely gave me answers to the many questions I had coming to a community college.”



Student Jam Reflections



“It’s really surprising how easy it is to start college in the right way through an experience such as Jam has been to me. After Jam, I realized that college is filled with many different people with an array of passions and opinions. I realized that college doesn’t only consist of classes, but different resources, activates, and centers for different fields. I am glad that I am a part of pathways and strength that it has given me.”

2006-2009: Hewlett Foundation *SSPIRE Grant* basic skills focus, 2 weeks, 60 hours, no cost, no credit

2006: Prealgebra curriculum + orientation, 72 students, 1 math instructor

2007: Beginning algebra curriculum + guaranteed fall math class, 137 students, 2 math instructors

2008: Intermediate algebra curriculum + guaranteed fall & spring math classes, 87 students, 3 math instructors

2009: 160 students

2010: Math 3+ curriculum, 2 Jams, 1 week/30 hours each, 139 students, 4 math instructors

A Brief History 2006-16

2011: Pathways requirement; insertion of counseling and coaches and ePortfolio; 2 Jams, 320 students

2012: 3 Jams, creation of iJam, 772 students

2013: 4 Jams, 1,342 students

2014: 4 Jams, 1,882 students

2015: New curriculum pilot—financial literacy, career/major exploration, 2,038 students

2016: Revised curriculum at all levels—integration of math, college orientation, and student support; completion of CSEPs; FAFSA workshops, 2,300 students, 2 math instructors

A Brief History 2006-16

Jam Personnel

Coordinator

Assistant

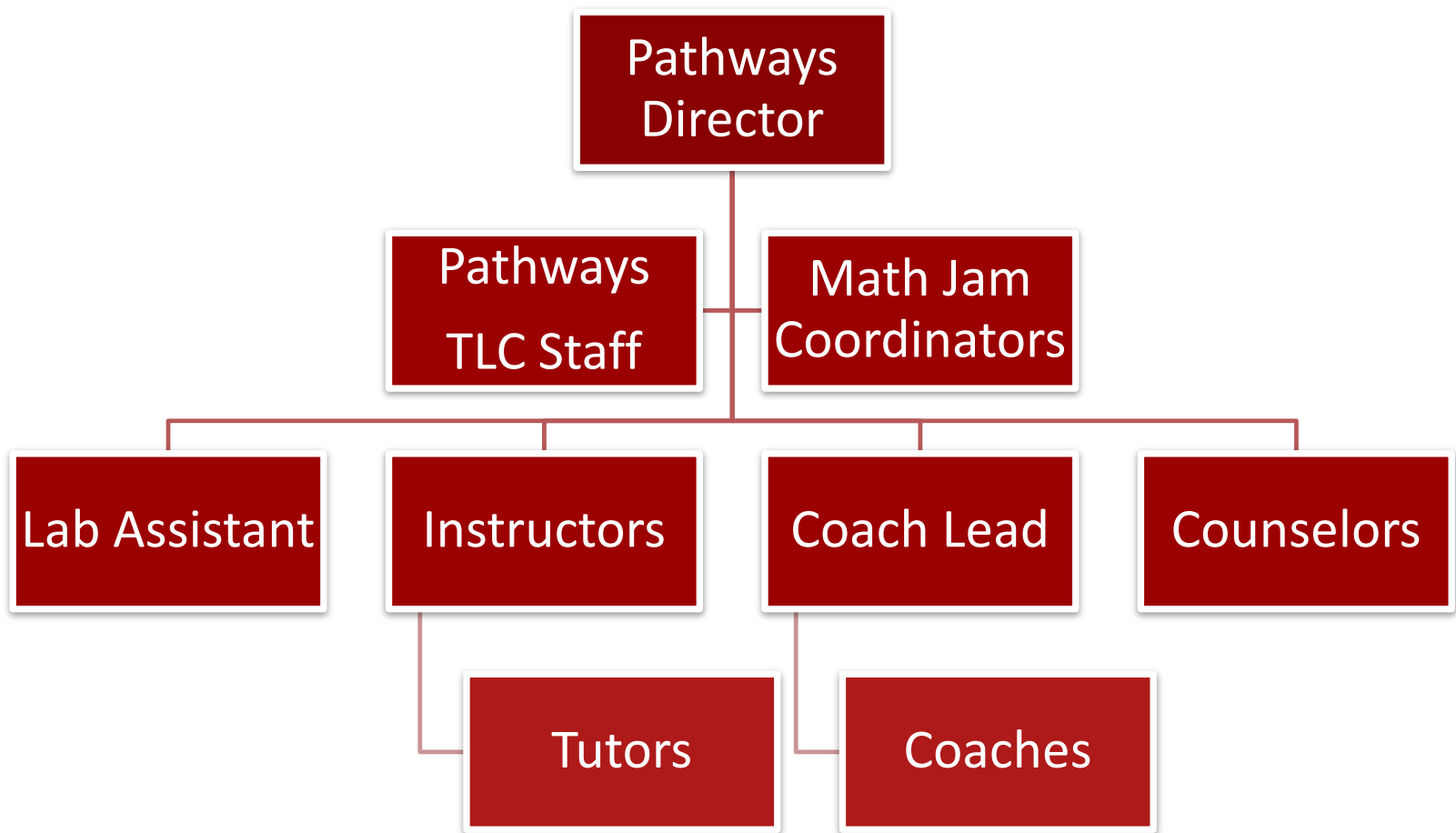
Tutors

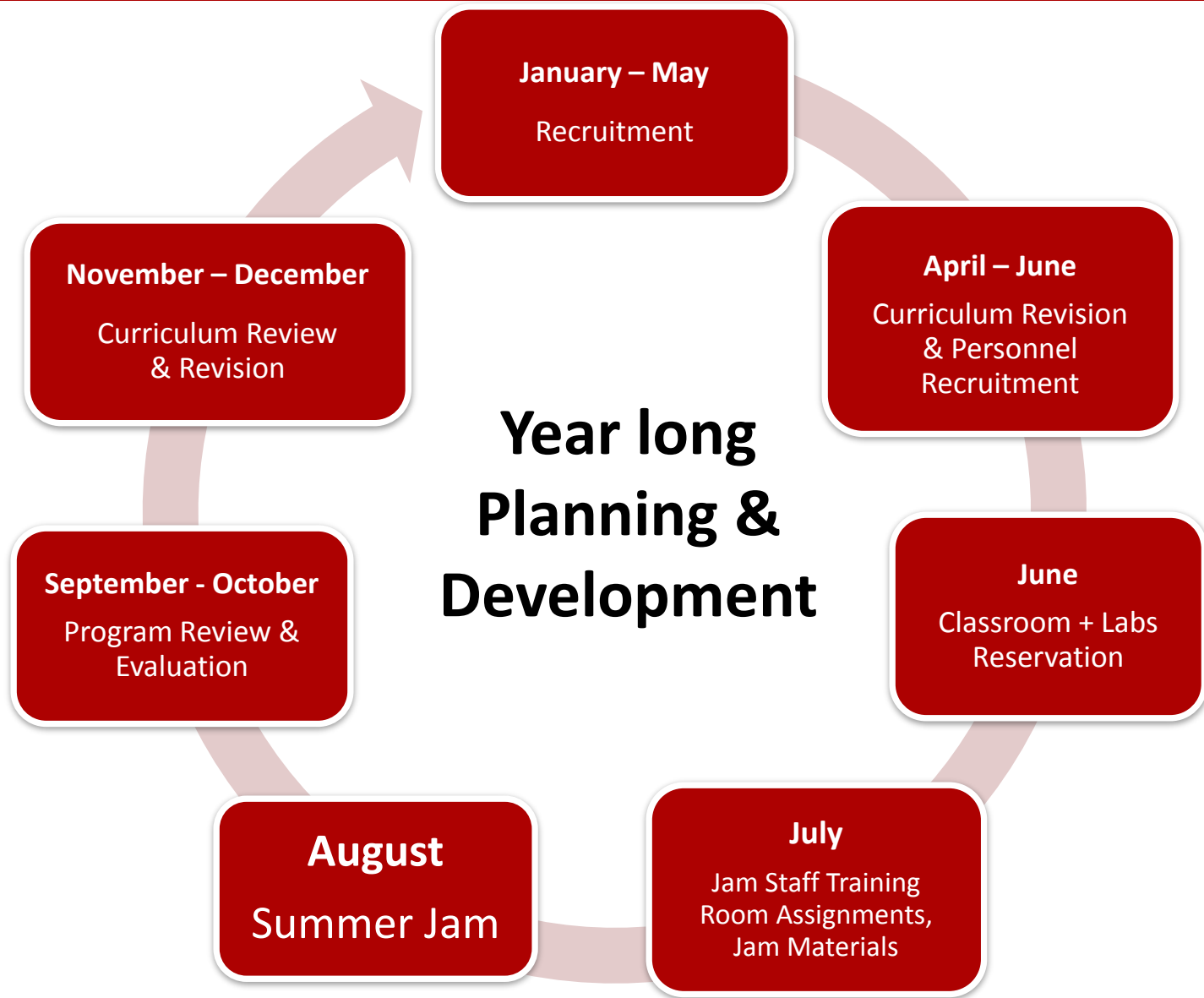
Counselors

Coaches

Pathways staff







Personnel Training

4 Days (5 hours/day) = Total of 20 hours

Topics covered:

- Role/expectations of tutors
- Scenarios, case studies, classroom management
- Reading Apprenticeship
- Strengthening math skills
- Team building
- Training on new curriculum



Cost of the 2016 Summer Jams

1900 Jammers

\$30,000*
3 Coordinators

\$14,000
2 math faculty
facilitators

\$8,000
2 non-faculty
facilitators

\$62,000
40 tutors

\$1,000
supplies

Approximately **\$60.52/student**

Challenges



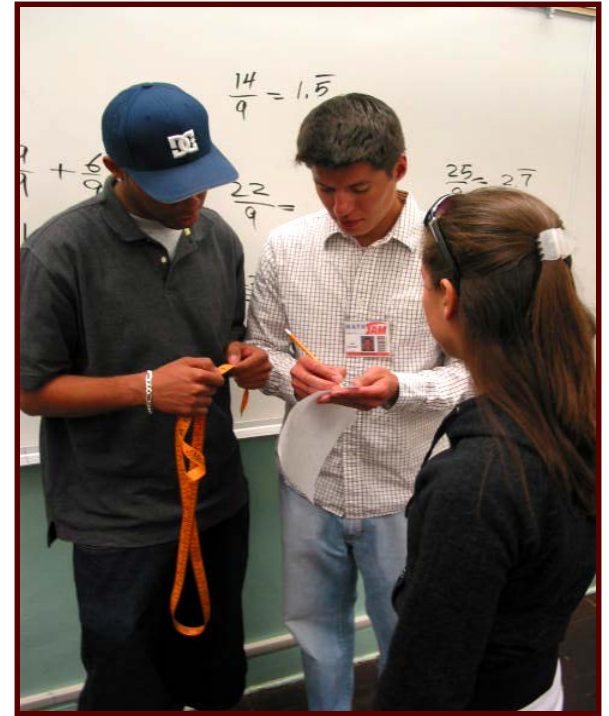
- Scaling up while maintaining quality
 - Staff turnover
 - Length of Jam
 - Year long planning (cyclical)
 - Always evolving
 - Coordination with Facilities & Campus Use
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Your Action Plan



Tips & Strategies

- Start with a manageable pilot (30-60 students)
 - Be flexible
 - Importance of hiring and training of tutors
 - Use your resources and friends on campus
 - Conduct post-jam debrief with tutors
 - Develop a strong core team
 - Invest in professional development and training
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Questions?

PCCPATHWAYS

Thank you!

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