



# PCC PATHWAYS

## MATH JAM

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

# Goals

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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
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# Let's Play Kahoot!

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Using your smart device,  
please visit:

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

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# Your Orientation Experience

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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?

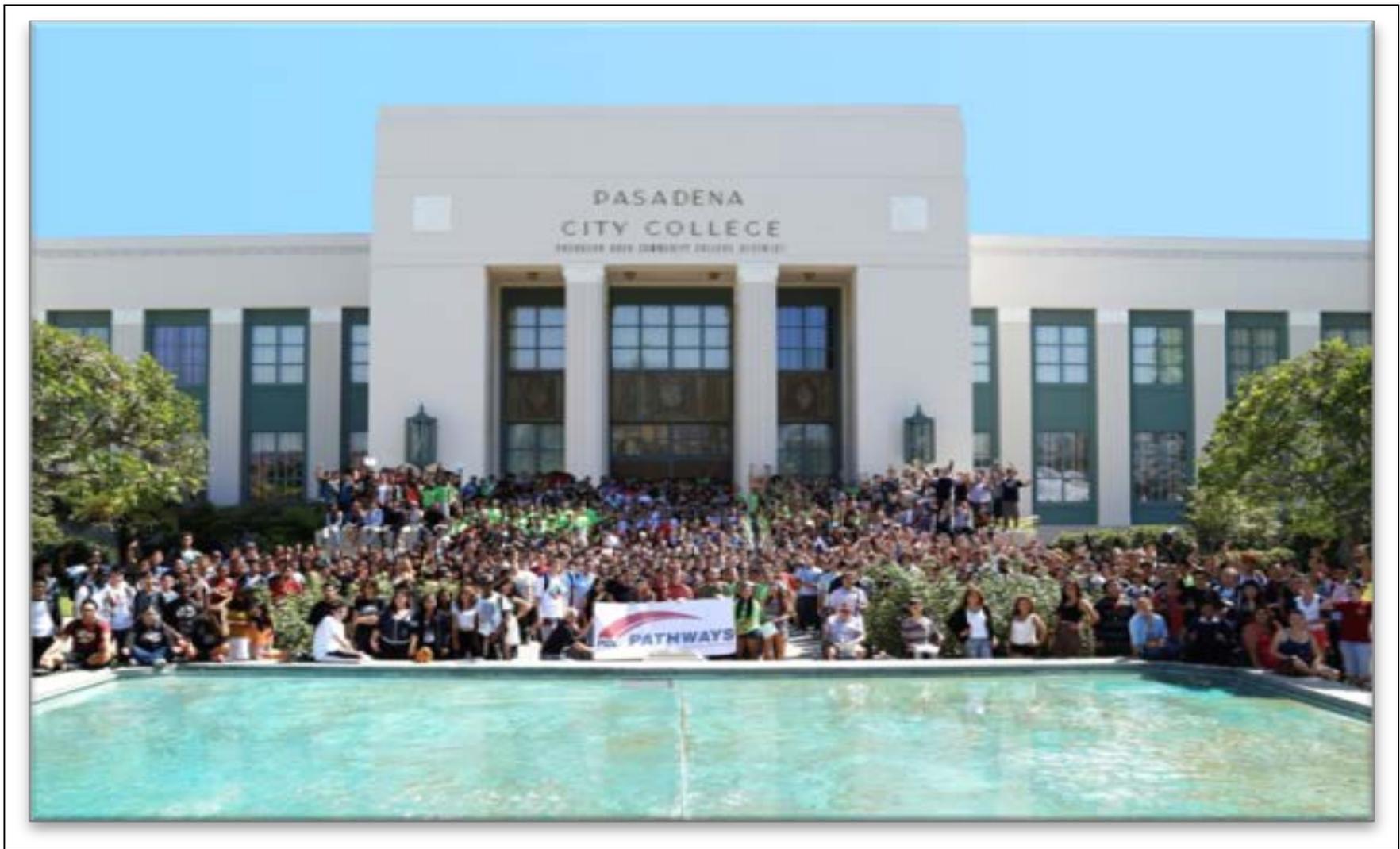




**Math Jam 2011**



**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

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## 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

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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.

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<b>Week 1</b>				
<b>Tuesday 08/02/16</b>	<b>Math 450/402</b>	<b>Math 125</b>	<b>Math 131</b>	<b>Math 3+</b>
<b>Special Notes</b>	<b>Do Campus Scavenger Hunt</b>		<b>Get Lancer ID Cards (C-121 &amp; Harbeson Hall)</b>	<b>Do Campus Scavenger Hunt</b>
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	<b>COUNSELING - VARIOUS ROOMS</b>	Math	Math
11:00 - 11:30	Math		Math	Math
11:30 - 12:00	Math		Math	Math
12:00 - 12:30	Lunch		Lunch	Lunch
12:30 - 1:00	Lunch	Lunch	Lunch	Lunch
1:00 - 1:30	Math	Math	<b>COUNSELING - VARIOUS ROOMS</b>	Math
1:30 - 2:00	Math	Math		Math
2:00 - 2:30	Math	Math		Math
2:30 - 3:00	<b>COUNSELING - VARIOUS ROOMS</b>	Math	Math	<b>COUNSELING - VARIOUS ROOMS</b>
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	<b>Financial Aid - Open Lab (TLC-V102)</b>			
4:30 - 5:00				

# Math Jam Outcomes

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- 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**

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- 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**

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- 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

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***“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.”***

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# Student Jam Reflections

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***“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.”***

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**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**

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**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**

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# Jam Personnel

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Coordinator

Assistant

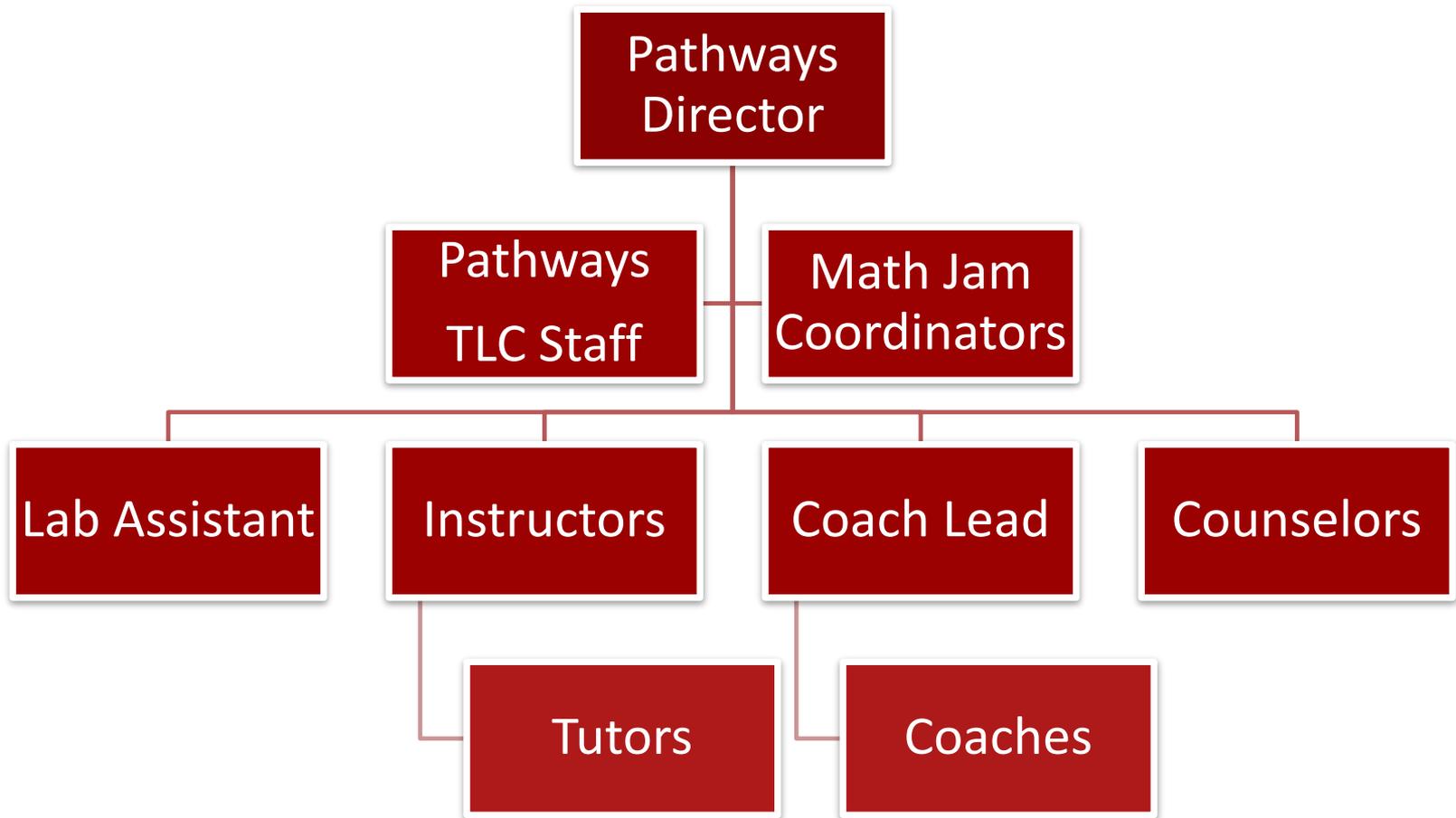
Tutors

Counselors

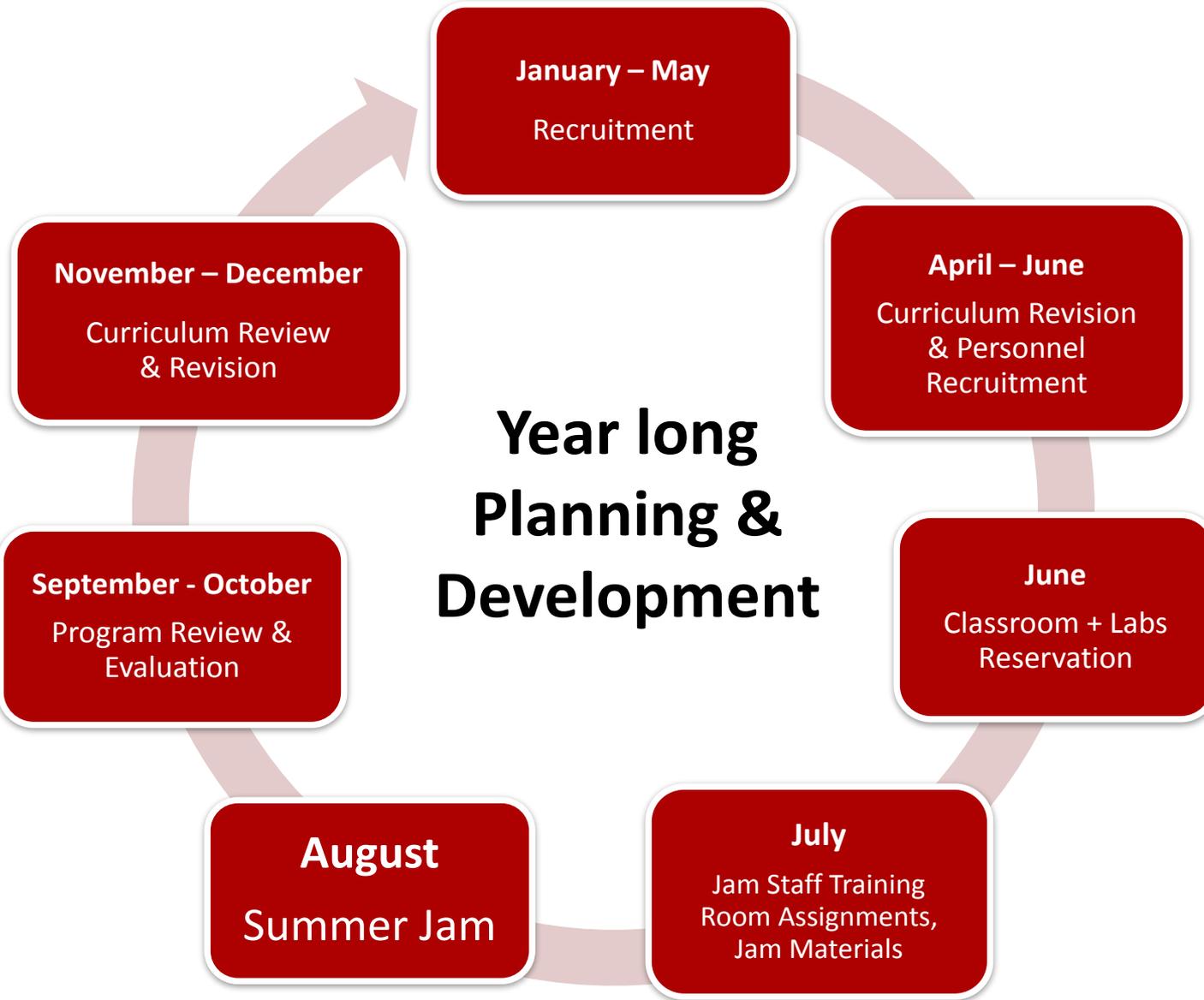
Coaches

Pathways staff





# Year long Planning & Development



# Personnel Training

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**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

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1900 Jammers



Approximately **\$60.52/student**

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# Challenges

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- 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

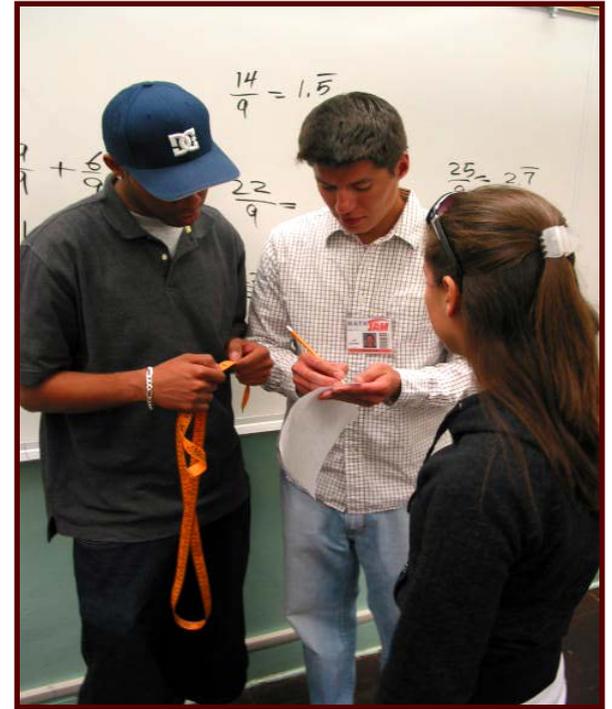
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# Tips & Strategies

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- 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?**

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# PCC PATHWAYS

## Thank you!

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