



LINKED LEARNING CONVENTION | ANAHEIM, CA | FEB. 12-14

Rethinking High School Using a Change Design Approach



Arielle Davies, Director, Product Development

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SESSION PRESENTERS

- Christie Kieffer, Assistant Principal
 - Marina High School, Monterey Peninsula USD
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- Arielle Davies, Director, Product Development
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SESSION OVERVIEW

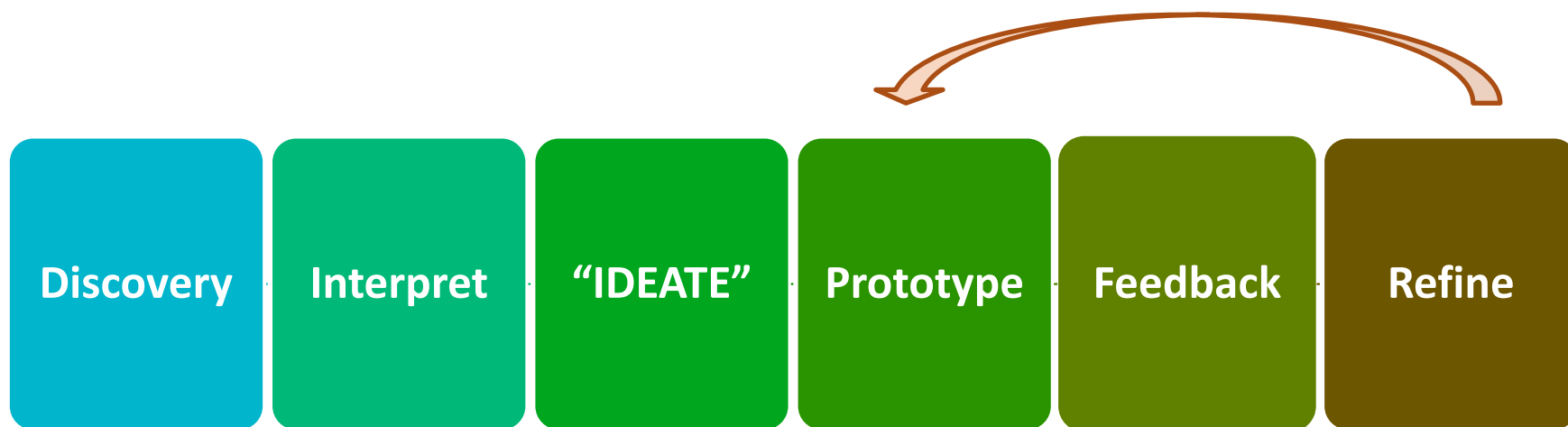
- **Goals**
 - Understand the change design process
 - Learn how the discovery process in change design can uncover equity challenges
- **Agenda**
 - Welcome
 - Marina High School Case Study
 - Design Simulation
 - Closing Reflection

CHANGE DESIGN NORMS

- **Be a learner:** think and learn like an anthropologist and practice inquiry
- **Keep the end user in mind:** listen with empathy and seek to understand other's points of view
- **Collaborate with others:** suspend judgment, help each other find the possibilities.
- **Monitor airtime:** ensure all team members share voice
- **Have an open mind:** don't limit yourself, seek creativity

CHANGE DESIGN APPROACH

- Design allows leaders to identify core problems of practice and set parameters for solutions.
- Design gives a diverse design team the space to develop and test potential solutions, iteratively engaging stakeholders.



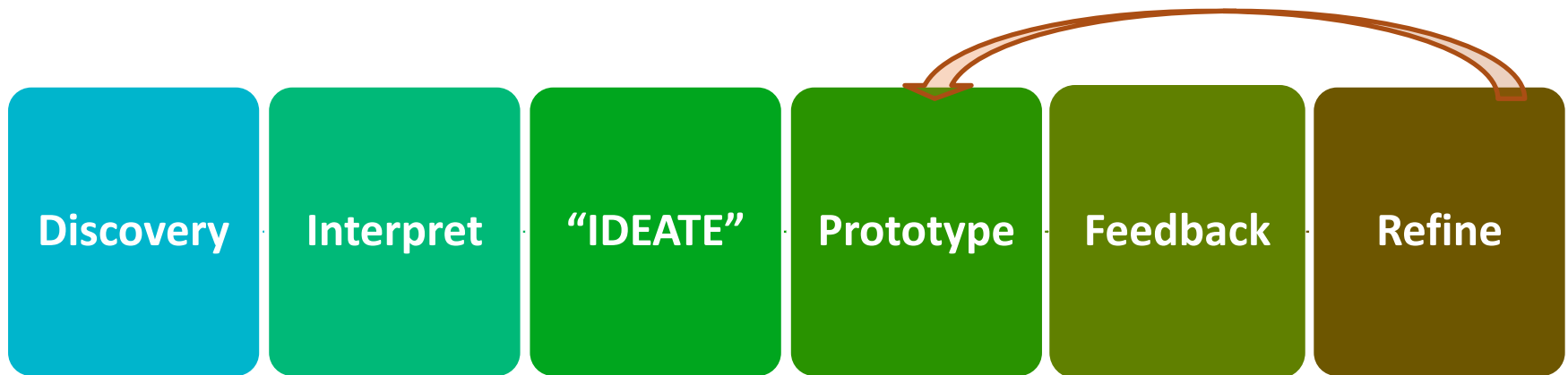
Our Change Design Approach is inspired by experts in the field of design like IDEO and the Henry Ford Institute.

MARINA HIGH SCHOOL

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- **Enrollment: 585**
 - 52% Latino, 19% Asian & Pacific Islander, 18% White, 4% African-American
 - 10% English Language Learner, 66% Free and Reduced Lunch
- **Results:**
 - Graduation Rate--96.6% ;
 - A-G Completion—45.1%
 - CAASP ELA—49% Meet or Exceed; CAASP Math—24%
- **Design Challenge: MPUSD** seeks to develop a school wide linked learning and early college program at Marina High School that provides students with real world learning experiences and allows them to earn college credit while in high school.

MARINA PATHWAYS PROTOTYPE v1.0



- Discovery Data:

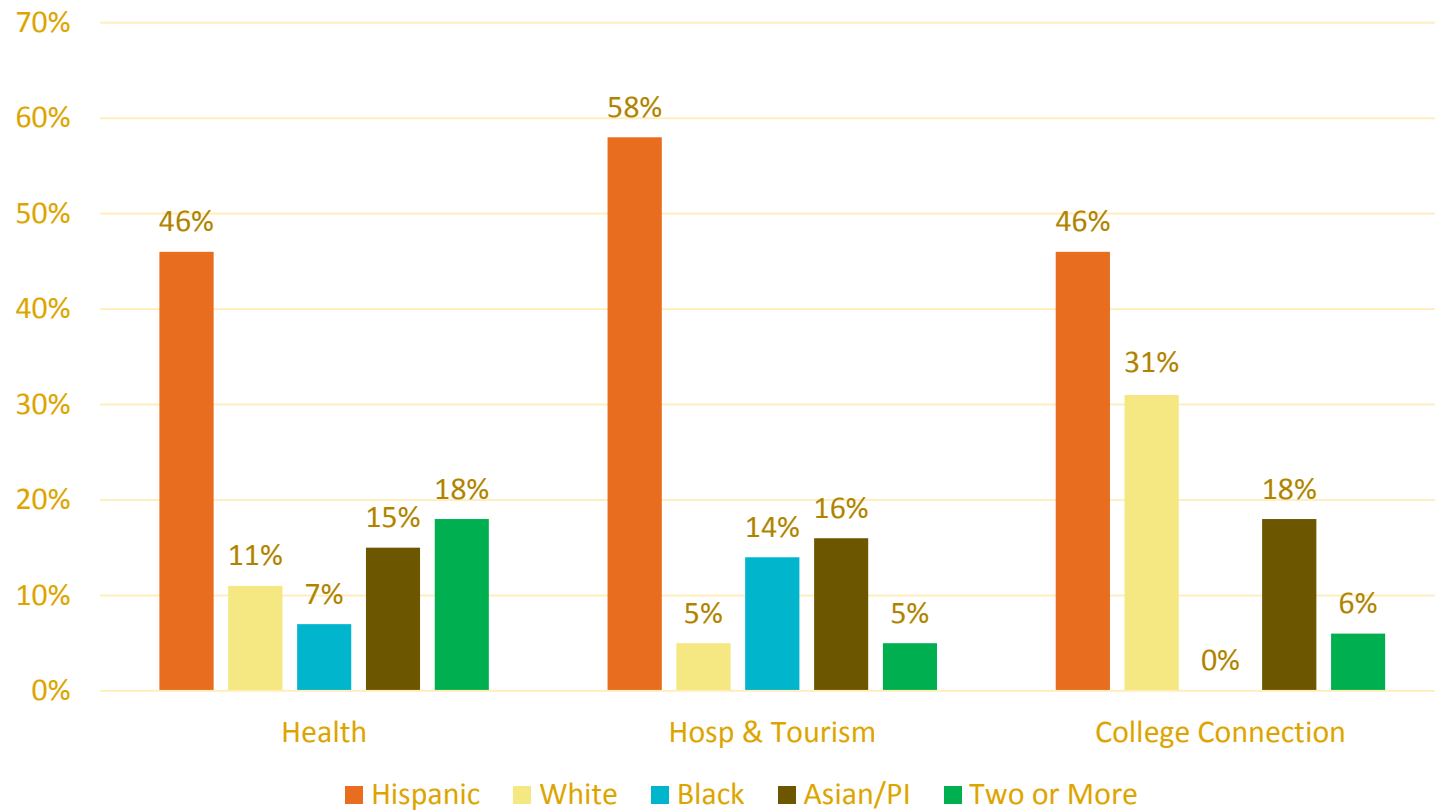
- Labor Market Analysis
- Student Interests
- Partnerships and Resources

- Prototype:

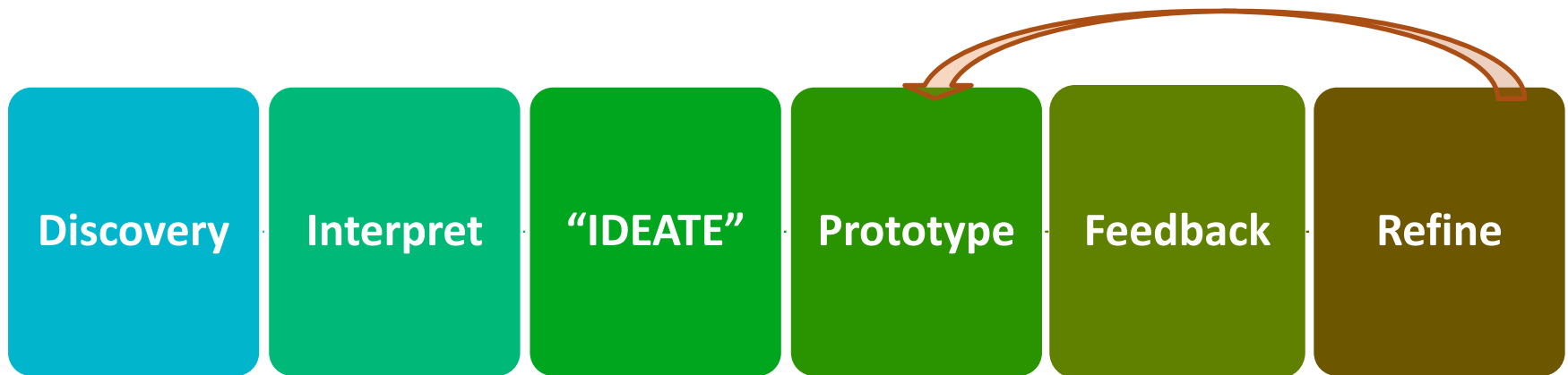
- College Connections Pathway
- Hospitality and Tourism Pathway
- Health Careers Pathway

PATHWAYS ENROLLMENT DATA

2017-2018 Pathways Enrollment by Ethnicity



MARINA PATHWAYS PROTOTYPE v2.0



- Feedback:

- 2017-2018 Pilot
- Revised student interest survey
- School visits

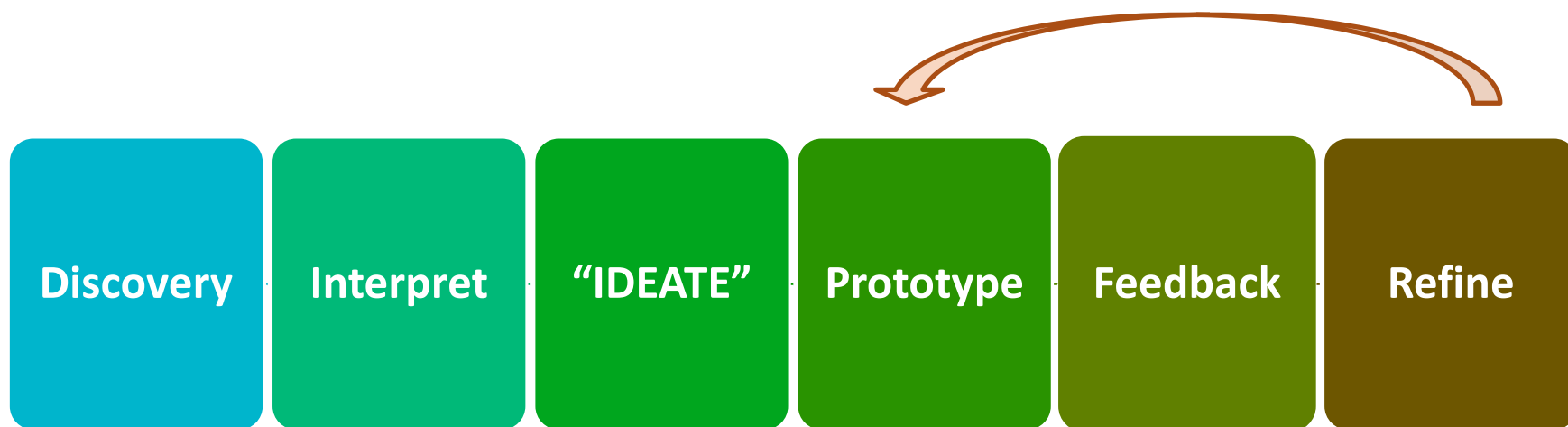
- Refine:

- Entrepreneurism Pathway
- Health Careers Pathway
- Schoolwide Theme
- UC/CSU A-G for all

CHANGE DESIGN

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CHANGE DESIGN APPROACH

- Key Change Design Roles
 - Design Team
 - Project Driver
 - Project Sponsor

- Change Design Infrastructure
 - Design Challenge
 - Design Brief

CHANGE DESIGN IN PRACTICE

- **Simulation Overview:** *ABC High School struggles with the physical appearance of its front office. Among many challenges, the school is older and not always well-maintained. All of the rooms in the school are pretty uniform and some might say, stale. In addition, the front office is oddly shaped and arranged, so that it is hard to know where to stand while waiting and line of sight so that visitors can get the attention of staff is blocked. Despite attempts by the front office staff to be welcoming to families, the physical conditions create a less than positive and productive experience for many students, families, and staff. ABC can get funding for some changes but will not have funding to rebuild.*
- **Design Challenge:** *How might we design a positive, productive front office space that meets the needs of students, families, and staff?*

DISCOVER AND INTERPRET

1. Have one team member take on the role of design team member interviewing ABC High School stakeholders. The other members should take on roles as student, teacher, and staff, and administrators at ABC High School.
2. Step into your roles. Take 5-10 minutes to ask the stakeholders questions. Record the responses while they speak.
 - *What is your overall experience in the front office?*
 - *When you come into the office to get something done, are you successful? Why or why not?*
 - *How does the overall environment make you feel?*
 - *If you could change one thing about the front office, what would it be?*
3. Step back into your position as design team. Take 5-10 minutes to think about what you heard and your own experiences in school front offices and to record themes.

IDEATE AND PROTOTYPE

1. Based off of the identified themes, take 5-10 minutes to brainstorm possible solutions as a group. As you brainstorm, feel free to call out to the group, so you all can build on each other. Make sure you write each on a post-it note and put them up on the wall in front of your team.
2. At the end of brainstorming, take a few minutes to identify one or a couple of related solutions to prototype.
3. Grab some materials and take 10 minutes to develop a rough prototype of your solution. Be prepared to share your prototype.

FEEDBACK AND REVISE

1. Each team will take a few minutes to share their prototype.
2. The team will record any feedback for later refinement.

CLOSING

CLOSING REFLECTION

- Take a moment to consider your own context...
 - What possible design challenges might be present?
 - Who might be potential design team members?
- Share out at your tables.

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Thank you!

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