



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

# Unlocking Time: A New Look at Master Scheduling



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# AGENDA

- Welcome & Introductions
- Master Schedule Word Association
- A New Approach: Design First, Priorities Lead
  - Design Practice
- A New Tool: Easier & More Transparent Scheduling
  - Abl Tool Practice
- Oceanside Example
- Discussion of Process & Tools
- Takeaways & Next Steps

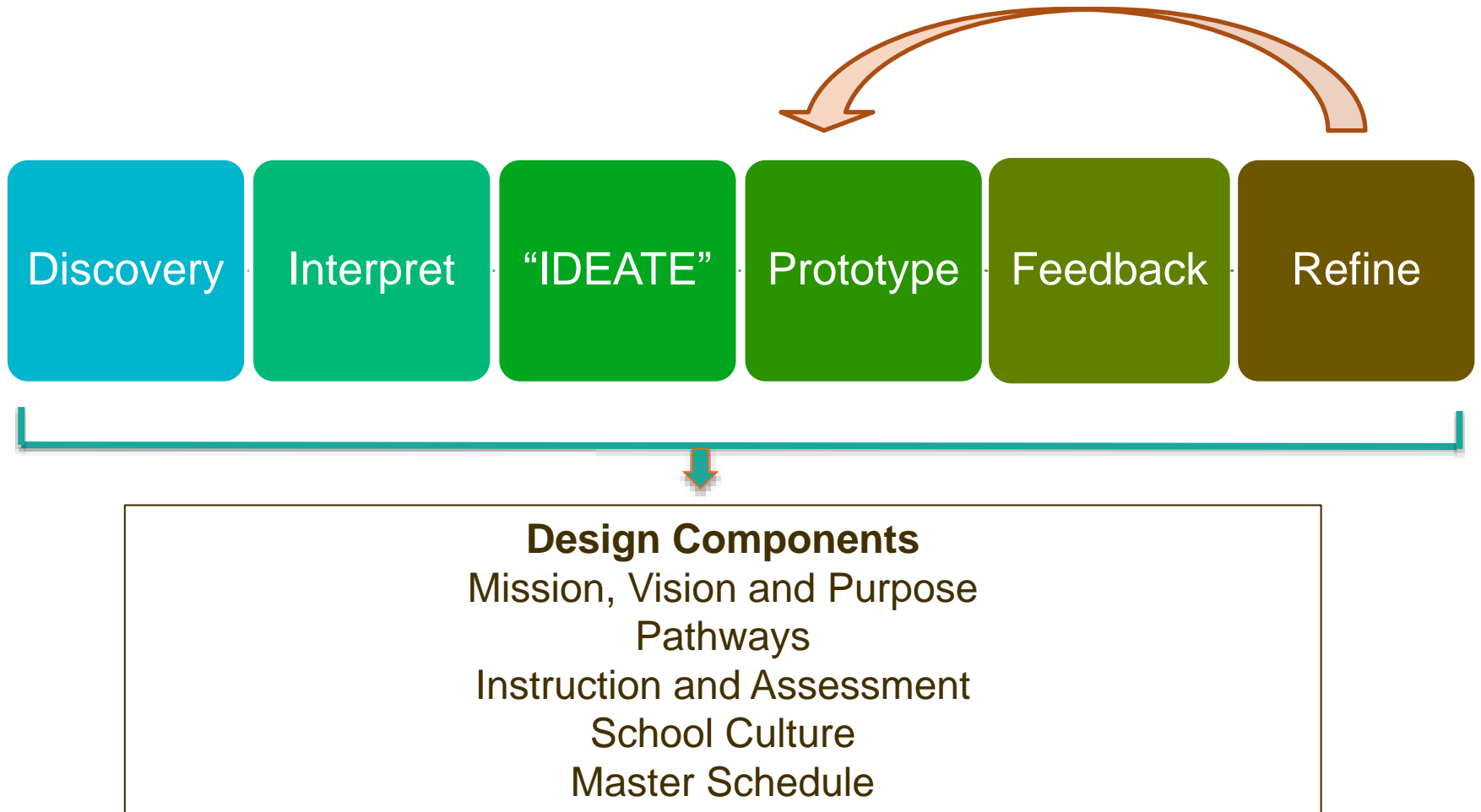
# Word Game

- Text **LAURAFLEXMAN140** to **22333** to join

# **MASTER SCHEDULE**

Design First

# The Pivot Design Process



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

# 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

# DISCOVERY

- Alan Garcia's Schedule Story





PBS NEWS HOUR  
#PBSNEWS

# DISCOVERY

- Pair up with someone else at your table, preferably someone you don't know
- Discuss the video clip
- Interview each other using the following prompts:
  - How do you feel about your site's current schedule? What works and doesn't work?
  - How do you feel about the master scheduling process that your site currently uses?
- Examine the data provided at your table

# INTERPRET

- At your table, discuss and take notes on what you noticed about the data
- Make sure you include the data gleaned in your interviews, as well as all the other data provided

# IDEATE

- Distribute a stack of sticky notes to each person
- Using one sticky note per idea, generate as many ideas as possible
- Note: These ideas can be as comprehensive or as granular as you'd like
- Remember— no editing of yourself or each other— all ideas are welcome

# NEXT STEPS IN CHANGE DESIGN PROCESS

- Share out ideas at your table
- In Prototype phase, your table would group the ideas into themes and decide upon a prototype to build out for testing
- In Beyond High School, the master schedule module comes after many change design rounds on numerous aspects of school and pathway design elements

# Master Scheduling

# NO COMPREHENSIVE SOLUTION

VARIOUS OFFLINE TOOLS + SIS = BROKEN PROCESS



THE SIS ONLY HANDLES

**25%**

of the process




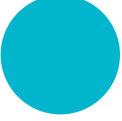

...SO GAPS ARE FILLED WITH



When	Size	Notes	Class
F (2-T)	22	typing-LL	AE 111252
C (1-M)	20	typing	AE 921
E (1-M)	20	typing-LL	AE 1012
D (1-M)	21	typing	AE 922
E (4-Th)	13	typing-LL	AE 1011
F (2-T)	18	typing	AE 923
D (4-Th)	24	typing	AE 111261
F (3-W)	22	recess	AE 1021
F (4-Th)	22	recess-LL	AE 111262
C (2-T)	20	recess	AE 1022
C (5-F)	16	recess-MI	AE 111211
E (3-W)	25	recess	AE 111212
E (4-Th)	20	recess-LL	AE 111213
D (2-T)	18	recess-MI	AE 111221

# SCHEDULING SHOULD BE STRATEGIC

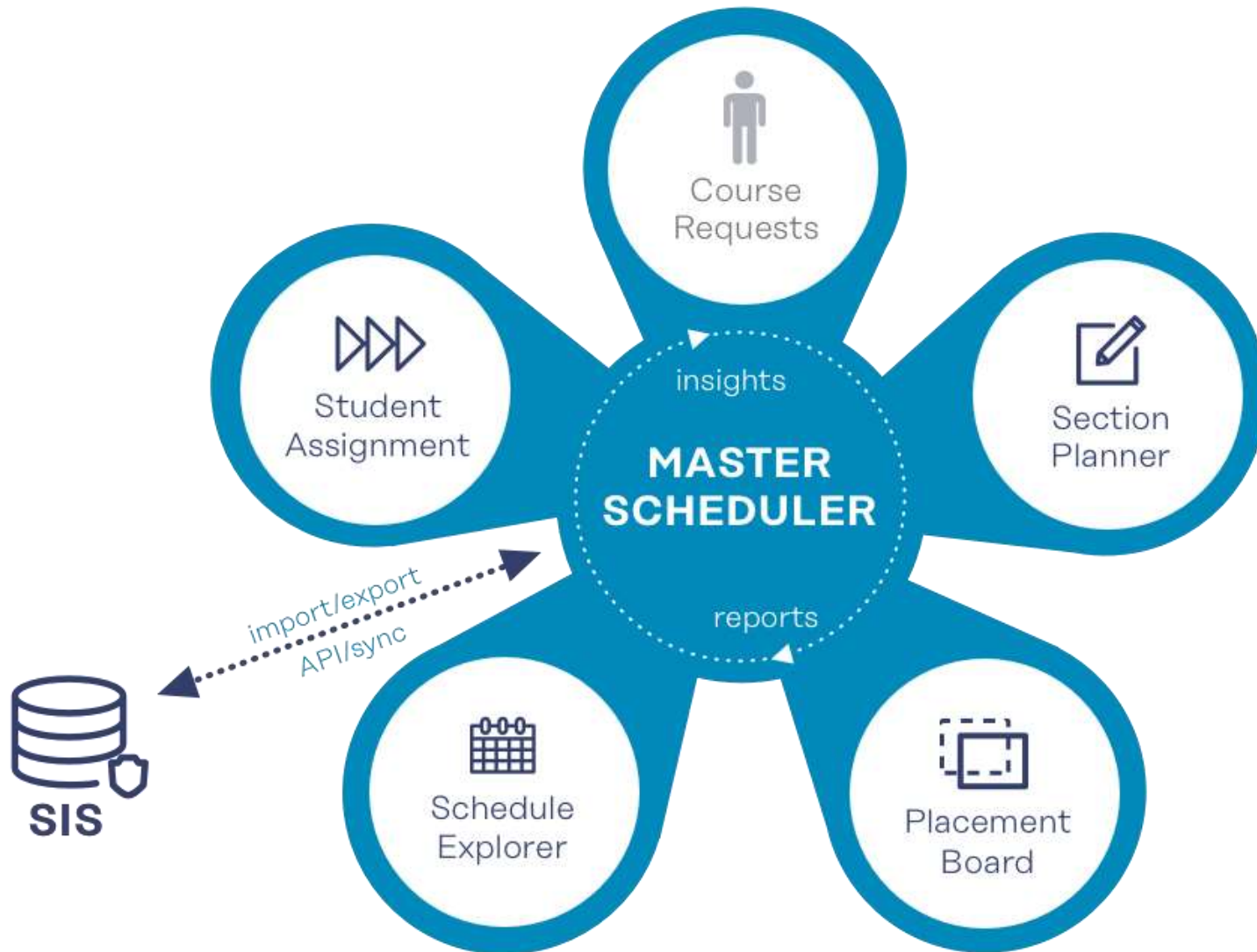
NOT A PAINFUL CHORE

-  Improve instructional quality through team teaching and common prep
-  Better special-ed inclusion
-  Increase equity so all students get what they need for college & careers
-  Empower student choice via pathways, IB, flex time, etc.
-  Manage staffing changes and work within budget allocations



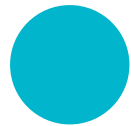
# DYNAMIC SCHOOL SCHEDULING

A FLEXIBLE WORKFLOW

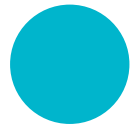


# ABL MASTER SCHEDULER

DESIGNED FOR IMPACT



Build faster



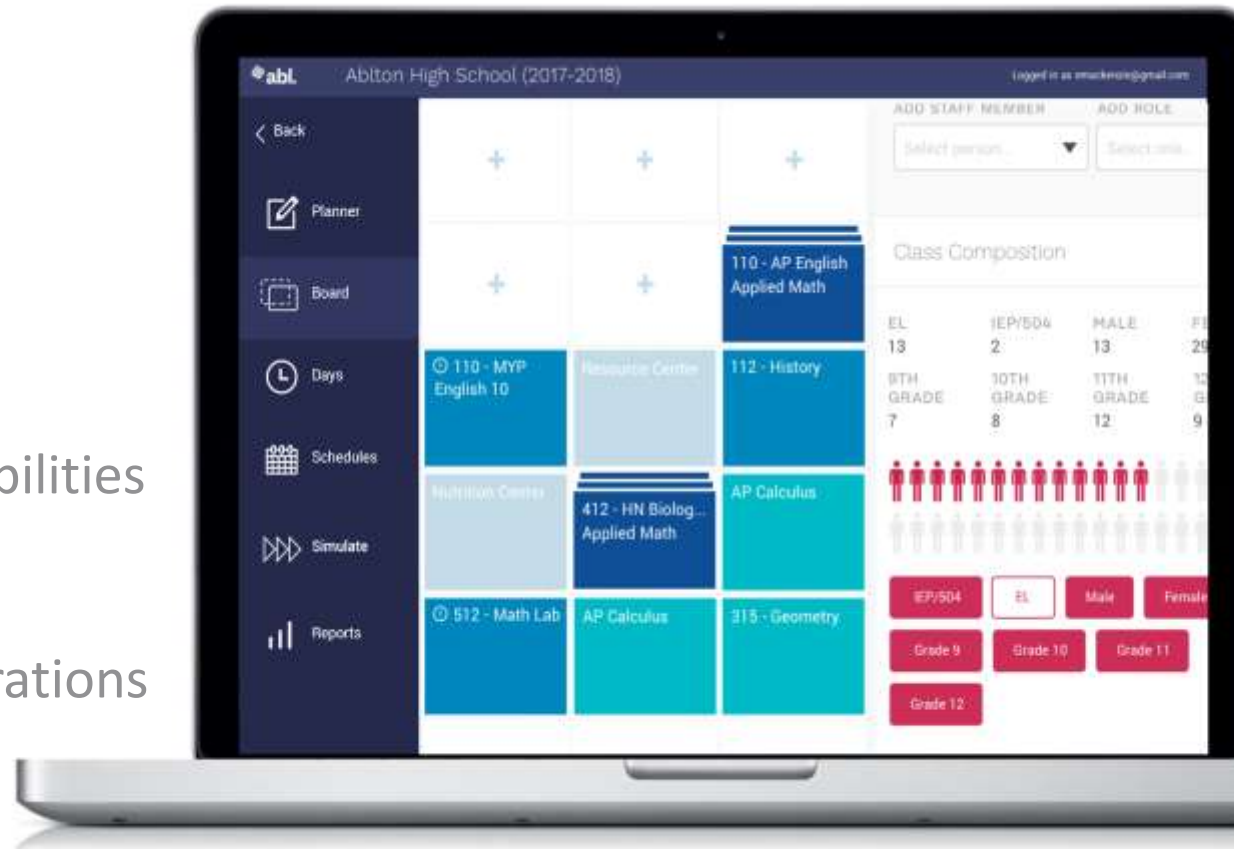
Get buy-in



Explore new possibilities



Improve daily operations



# MASTER SCHEDULING CHALLENGE

## DESIGNING FOR LINKED LEARNING

abl. Wombat High 2017-2018 Logged in as chris@ablschools.com

Version 1

Staff	1	2	3	4	5	6	Unplaced Sections
<b>English 10</b>	0 Conflicts	0 Conflicts	0 Conflicts	0 Conflicts	0 Conflicts	0 Conflicts	
Aufderhar, M AOIT	PLC	427 - Chemistry AHHC					
D'Amore, A ALMA	PLC	965 - Yearbook 1 EA 2021	100 - English 9 EA 2021	100 - English 9 EA 2021	999 - Scientific Writing... EA 2021	118 - English 11 EA 2021	<a href="#">/ edit section</a>
Rodriguez, B	PLC	145 - Creative Writing ALMA	103 - Honors English 9 ALMA			118 - English 11 ALMA	<a href="#">/ edit section</a>
Runolfsson, E AOIT	PLC			109 - English 10 AHHC	100 - English 9 AHHC		<a href="#">/ edit section</a>
English Placeholder 1	PLC						<a href="#">/ edit section</a>

SHOW English

127 - English 12 [/ edit section](#)

100 - English 9 [/ edit section](#)

112 - Honors English 10 [/ edit section](#)

# Oceanside's Story

# Priorities Identified by Design Team

- Support for students and differentiation Team time built into pathways
- Intervention/ Extension time built into the school day
- Math and literacy fluency
- Project Based Learning (PBL)
- Time and space for interdisciplinary teams
- Flexibility around schedule, internships/ dual enrollment

- NO classes <sup>Senior Spring</sup>  
TIME/CALENDAR

- Reimagining finals week (see exhibitions/pops)
- 1 hr. per week teacher collab. time
- 1 day per week " "
- 1/2 day classes / 1/2 day field-based work for Seniors
- Simulated technical school or college experience for juniors on campus
- 30 min. advisement time  $\rightarrow$  or 40 min 2x week / <sup>or</sup> every day
- 1 day/month WBL exp. for 9th + 10th
- 2x week intervention or support for classes  
6 or daily for 9th graders
- Longer periods for doing PBL
- 2x/year exhibition or PD weeks or professional
- Senior projects/capstones / presentation defenses
- 1x wk PD
- Staggered start time or later start
- Intrsession - 1wk / 3wk
- Orientation week
- Field Day at end
- Week when advisors meet w/ Their students / families /  
optimal home visits
- Student-led conferences - weeks of 1/2 days

# Time/Calendar Brainstorm

- No classes for seniors in the spring
- Reimagine finals week (exhibitions)
- 1 hour per week teacher collaboration
- 1 day per week teacher collaboration
- ½ day classes/ ½ day field based work for seniors
- Simulated technical school or college experience for juniors on campus
- 30 minute advisement time 2X's per week or everyday
- 1 day/ month work based learning experience for 9th and 10th grades
- 2X's per week intervention or support for classes or daily for 9th grade

# Time/Calendar Brainstorm

- Longer periods for PBL
- 2X's per year exhibition or POL weeks or proficiencies
- Senior projects/ Capstones/ Presentations/ Defenses
- 1X per week PD
- Staggered start time
- Intersessions 1 week/ 3 weeks
- Orientation week
- Field Day at close of school
- Week when advisors meet with their students and families/ optional home visits
- Student led conferences



# Schedule Brainstorm

- Pairing classes
- Block periods
- Trimesters
- Once a week- college readiness, intervention, soft skills, townhall, fieldwork
- Common planning time 1 day per week
- Cohorting students
- Advisory/ Internships 11/12 2Xs per week
- No Bells
- Different length of classes
- 9th grade double block
- Team teachers
- A B C X schedules
- Fewer courses at a time/ Semesterize
- Not offering everything every term
- Electives tied to pathways

# Sample Schedule Designs

## 9<sup>th</sup> Grade Pathway Team

	Monday	Tuesday	Wednesday	Thursday	Friday
Period 1	ELA/SS 9 <sup>th</sup> grade pathway groups 1&2	Team Planning Day (includes prep)	ELA/SS 9 <sup>th</sup> grade pathway groups 1&2	ELA/SS 9 <sup>th</sup> grade pathway groups 1&2	ELA/SS 9 <sup>th</sup> grade pathway groups 1&2
Period 2					
Period 3	ELA/SS 9 <sup>th</sup> grade pathway groups 3&4		ELA/SS 9 <sup>th</sup> grade pathway groups 3&4	ELA/SS 9 <sup>th</sup> grade pathway groups 3&4	ELA/SS 9 <sup>th</sup> grade pathway groups 3&4
Period 4					
Period 5	prep		prep	prep	prep
Period 6	ELA/SS 9 <sup>th</sup> grade pathway groups 5&6		ELA/SS 9 <sup>th</sup> grade pathway groups 5&6	ELA/SS 9 <sup>th</sup> grade pathway groups 5&6	ELA/SS 9 <sup>th</sup> grade pathway groups 5&6
Period 7					

# Sample Schedule Designs

## Plus Team

	Monday	Tuesday	Wednesday	Thursday	Friday
Period 1	Pathway A	Pathway B	Pathway C	Pathway D	Plus Team planning day (includes prep)
Period 2	Pathway A	Pathway B	Pathway C	Pathway D	
Period 3	Pathway A	Pathway B	Pathway C	Pathway D	
Period 4	Pathway A	Pathway B	Pathway C	Pathway D	
Period 5	Pathway A	Pathway B	Pathway C	Pathway D	
Period 6	Pathway A	Pathway B	Pathway C	Pathway D	
Period 7	prep	prep	prep	prep	

# Sample Schedule Designs

9<sup>th</sup>/10<sup>th</sup> grade student view

Period 1	Block 1	Subject A (Semesterize)	English
Period 2		Subject B (Semesterize)	Social Science
Period 3	Block 2	Subject C (Semesterize)	Science
Period 4		Subject D (Semesterize)	PE
Period 5	½ Block	Subject E (Year Long)	Math
Period 6	½ Block	Subject F (Year Long)	CTE/ Elective
Period 7	½ Block	Subject G (Year Long)	Elective

# Discussion

# Takeaways & Next Steps

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# Thank you!

[Linkedlearning.org](https://www.linkedlearning.org)