
CSforWI State Summit

MONDAY, NOVEMBER 10, 2025



Welcome



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Joe Kmoch

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Dennis Brylow

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RESPECT
PRIVACY

*What We Learn - Leaves Here,
What We Say - Stays Here*

PUT IDEAS ON
THE TABLE

*We Need Everyone's Equal
Contribution to Grow*

SPEAK YOUR
TRUTH

ECEP
SHARED
AGREEMENTS

PROMOTE
EQUITY OF
VOICE

BE OPEN
TO FEEDBACK

*Feel Free to Push Back on
Ideas, We Will Not Solve
Everything Today*

EXPECT & ACCEPT
NON-CLOSURE



Agenda

Time	Session
9:00 – 9:10 a.m.	Welcome and Overview
9:10 – 10:15 a.m.	Who is here? Your why
10:15 – 10:30 a.m.	Break
10:30 – 10:45 a.m.	What is happening in Wisconsin <ul style="list-style-type: none">• Wisconsin Computer Science Strategic Plan• Landscape of CS in Wisconsin• Funding and Legislative Positioning
10:45 a.m. – 12:00 p.m.	Small Group Discussion <ul style="list-style-type: none">1st Session: Wisconsin Computer Science Strategic Plan2nd Session: Landscape of CS in Wisconsin3rd Session: Funding and Legislative Positioning
12:00 - 12:45 p.m.	Lunch & State Updates
12:45 – 1:15 p.m.	Deep Dive in the Wisconsin Computer Science Strategic Plan
1:15 – 1:30 p.m.	Identify Small Working Groups
1:30 – 2:30 p.m.	Small Working Groups <ul style="list-style-type: none">• Identify commitments and goals• Timeline and next steps
2:30 – 3:00 p.m.	Closing Exit Survey

Personal Introductions *(30 seconds)*

- Name – Company/Organization – Your Why

Who is here?



Round 1:

- Q: What inspired you to champion CS?

MOVE

Round 2:

- Q: What is one barrier facing CS in schools, industry, other?

MOVE

Round 3:

- Q: What bold idea could shift the CS landscape in schools, industry, other?



Break

10:15 – 10:30 a.m.

Snapshot of CS in Wisconsin

PLANNING, PROGRESS, AND POSSIBILITY



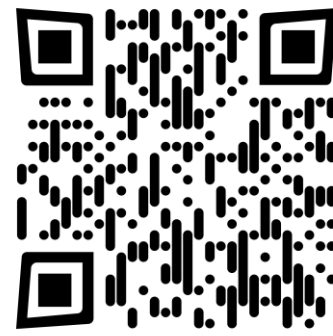


Wisconsin's CS Strategic State Plan

- Definition of CS: "an academic discipline that encompasses the study of computers and algorithmic processes, including their principles, their hardware and software designs, their applications, networks, and their impact on society."
- Vision and Goals
 - Equity
 - Licensing/Certification
 - Partnerships
 - Academic Standards and Instruction
 - Community, Career, and Communication
 - Funding and Program Support
 - Data/Reporting
- Local control
- Road map to guide state, districts, and educators

<https://bit.ly/CSstateplan>

Wisconsin CS Dashboard



- The publicly available Wisconsin CS dashboard is four years out of date; no new updates have been published.
- DPI has restricted publication of derivative works from public data and requires redaction of counts under 20, obscuring small and mid-sized program visibility.
- Wisconsin has experienced a 13% decline in high school CS teachers in the latest reporting period.
- Georgia, by contrast, has increased its CS teacher workforce by 16% following a 2019 state mandate and dedicated funding.
- Georgia now has five times as many CS teachers as Wisconsin, despite having only twice the student population.
- Wisconsin's CS teacher licensure pipeline continues to erode, with no clear recovery trajectory identified.

<https://bit.ly/43TtkyQ>

Funding Computer Science in WI

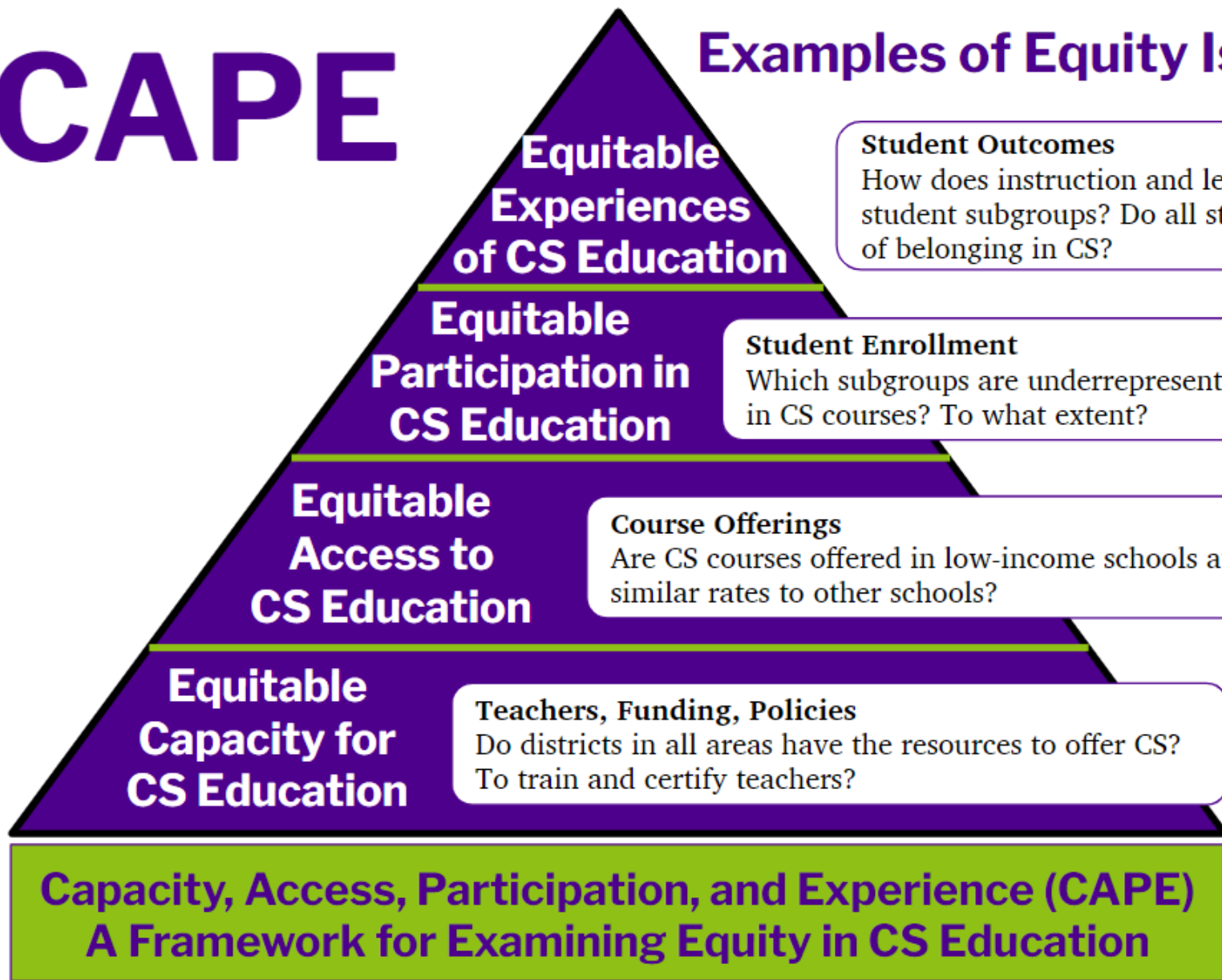
- CS curriculum not mandated
- No licensure needed at grades K-8; CS 1405 Licensure need at grades 9-12
- Draft language - CS graduation requirement

2. At least 0.5 credit of computer science, taken in any of grades 8 to 12, which may be locally tailored but shall, at a minimum, meet the state computer science standards. No later than August 2026, the Department of Public Instruction shall create a publicly available list of courses approved to fulfill this requirement, including career technical education courses and courses eligible for early college credit. Beginning June 30, 2028 and every year thereafter, each school district shall submit to the Department a report for the current academic year which shall include, at a minimum, the following: (1) The names and course codes of computer science courses offered in each school, including course description and which state computer science standards are covered, to the extent such information is available; (2) The number of computer science instructors at each school, disaggregated by the following: certification (if applicable); gender; race and ethnicity; highest academic degree. (3) The Department shall post publicly on its website the data received, disaggregated by school, under paragraph (b) in subsection (2).

Wisconsin Computer Science Grant Program - 2025-2027

CAPE

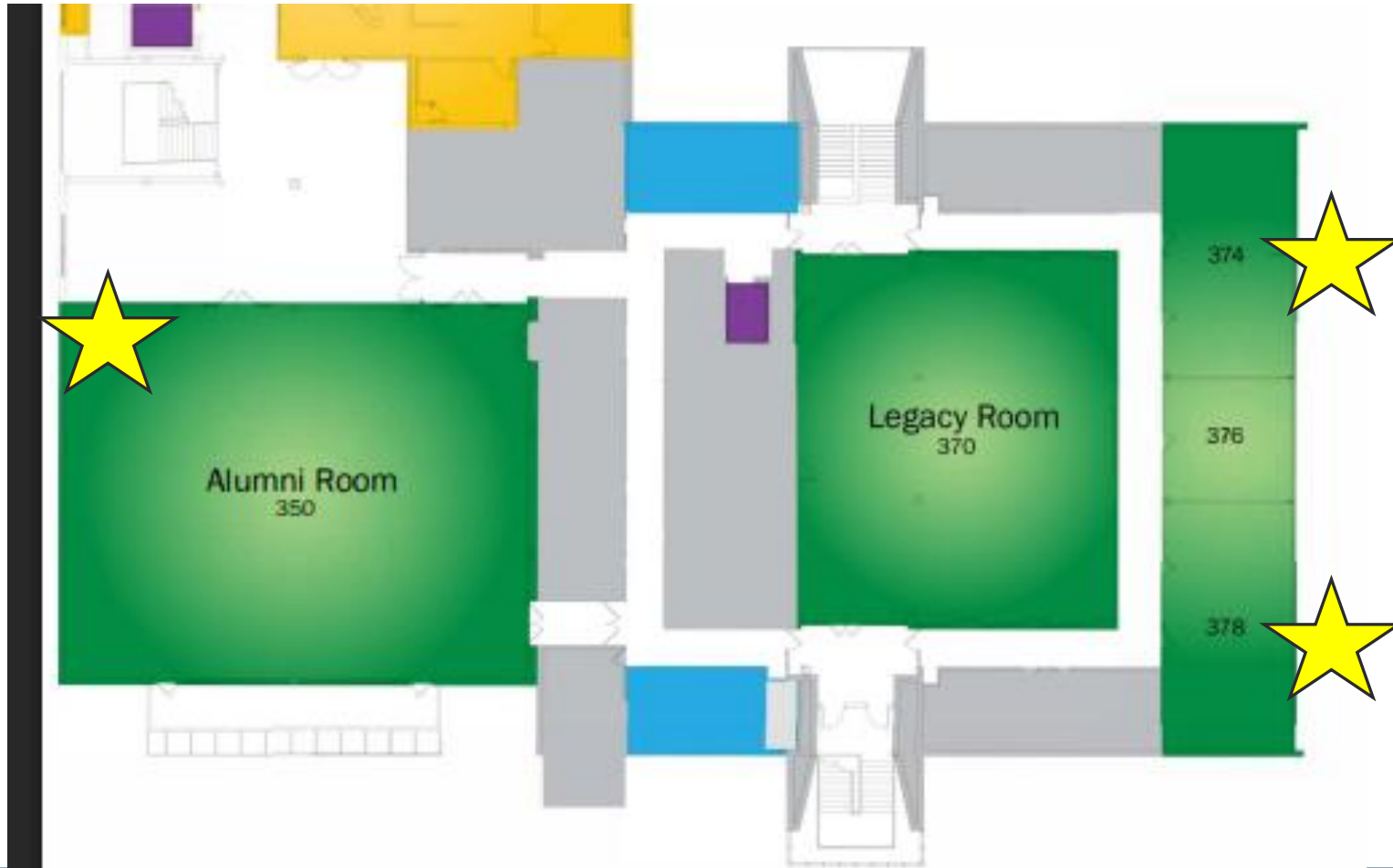
Examples of Equity Issues To Consider



Fletcher, C.L., Warner, J.R. (2021, February). CAPE: A Framework for Assessing Equity throughout the Computer Science Education Ecosystem. *Communications of the ACM*, 64(2), 23-25.

[doi:10.1145/3442373](https://doi.org/10.1145/3442373)

Breakout Rooms & Schedule



10:45 – 10:50	Move to 1 st Breakout
10:50 – 11:05	1 st Breakout Session
11:05 – 11:10	Move to 2 nd Breakout
11:10 – 11:25	2 nd Breakout Session
11:25 – 11:40	Move to 3 rd Breakout Session
11:40 – 11:55	3 rd Breakout Session
11:55 – 12:00	Return to Main Room

1st Session

Wisconsin's CS Strategic State Plan

Purpose:

Explore the statewide CS strategic plan and identify strategic goals for the next 3-5 years.

Facilitation & Guiding Questions:

- What part of the strategic plan resonates with you most with your content area?
- What should the strategic goals be for the next 3-5 years?
- How do we ensure the revised plan broadens participation?
- What barriers might be encountered in implementing the plan and what supports would help?
- What role can cross-sector partners play in advancing the plan?

2nd Session

Wisconsin CS Dashboard

Purpose:

Interpret the statewide CS data and connect it to local experiences, gaps, and advocacy.

Facilitation & Guiding Questions:

- What trends or gaps in the data surprise you?
- What additional data would help you advocate for CS in your region or district?
- What is missing from the data? How can we surface them?

3rd Session

Funding CS in Wisconsin

Purpose:

Identify funding challenges, share strategies, and envision sustainable models for CS education.

Facilitation & Guiding Questions:

- What challenges might be faced in sustaining CS programs and staffing?
- What would a sustainable funding model for CS look like?
- What advocacy messages or data points would help in making the case for CS funding?



Lunch

12:00 – 12:45 p.m.

Statewide Updates



[Revised CS Standards](#)



[AI Guidance and Recommendations](#)



[CS Education Week](#) – Hour of Code and
Hour of AI



STEAM Externships

Wisconsin's CS Strategic Plan

DEEP DIVE





Wisconsin's CS Strategic State Plan

Goals:

- Update each section of the state plan
 - What is happening in the different areas: education, workforce, post-secondary
- Include short- and long-term goals
 - Accountability at the state level and at the district level
 - Build capacity
- Identify resources
 - Focus on positive exemplars
 - Identify barriers and solution

State Plans

[Nevada](#)

[Mississippi](#)

[Kentucky](#)

<https://bit.ly/CSstateplan>



Group Discussion

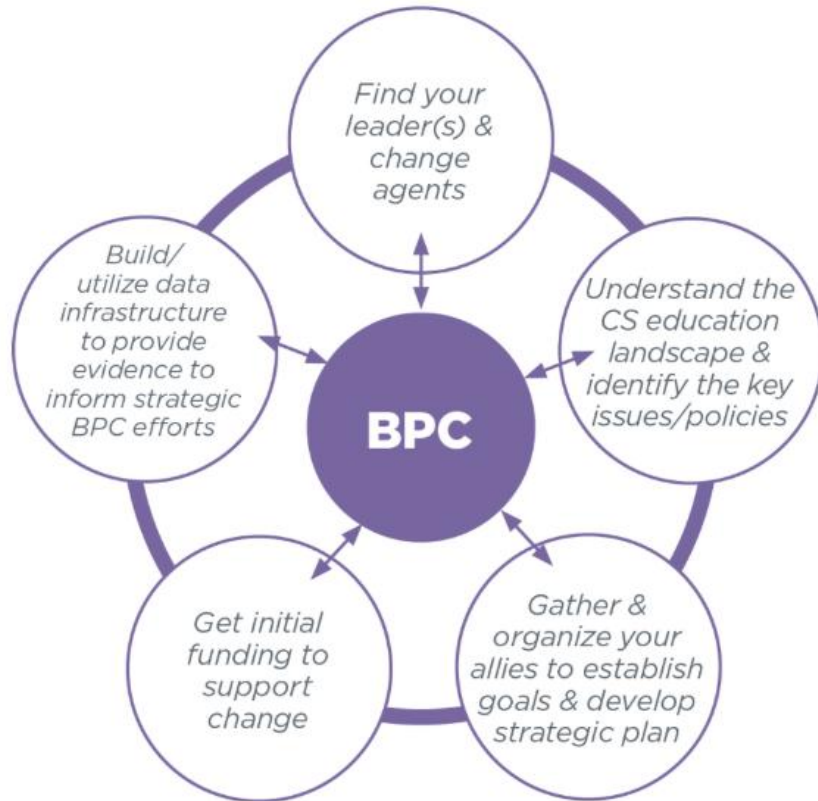
- Which section of the current plan feels most outdated or unclear—and what specific language or focus would you recommend updating?
- Does each section reflect the current realities and needs of Wisconsin's CS landscape (e.g., licensure, equity, partnerships)? If not, what's missing or misaligned?
- Are the goals and strategies in each section specific and measurable enough to guide implementation? Where could clarity or accountability be strengthened?
- What new developments, partnerships, or priorities should be reflected in the updated plan to ensure relevance through 2030?

Establish Working Groups

WORKING TOGETHER TO BROADEN PARTICIPATION IN CS ACROSS
WISCONSIN



ECEP's Change Model



- **Find your leaders**

 - *You're here*

- **Figure out where you are and where you're going**

 - *Landscape data + strategic planning*

- **Gather your allies**

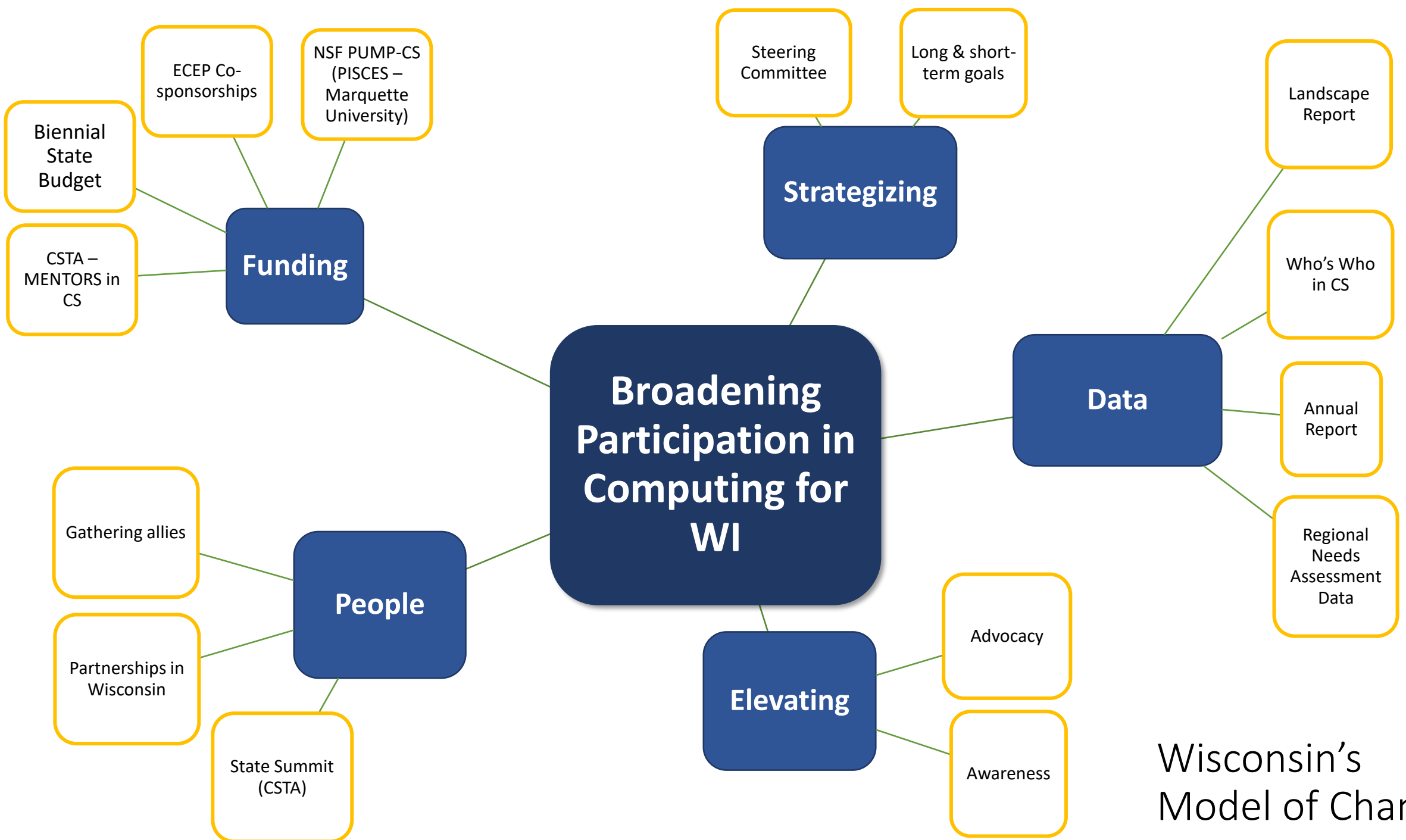
 - *This summit*

- **Get initial funding**

 - *State budget, NSF, partnerships*

- **Focus on data**

 - *SMART goals with measurable BPC impact*



Wisconsin's Model of Change



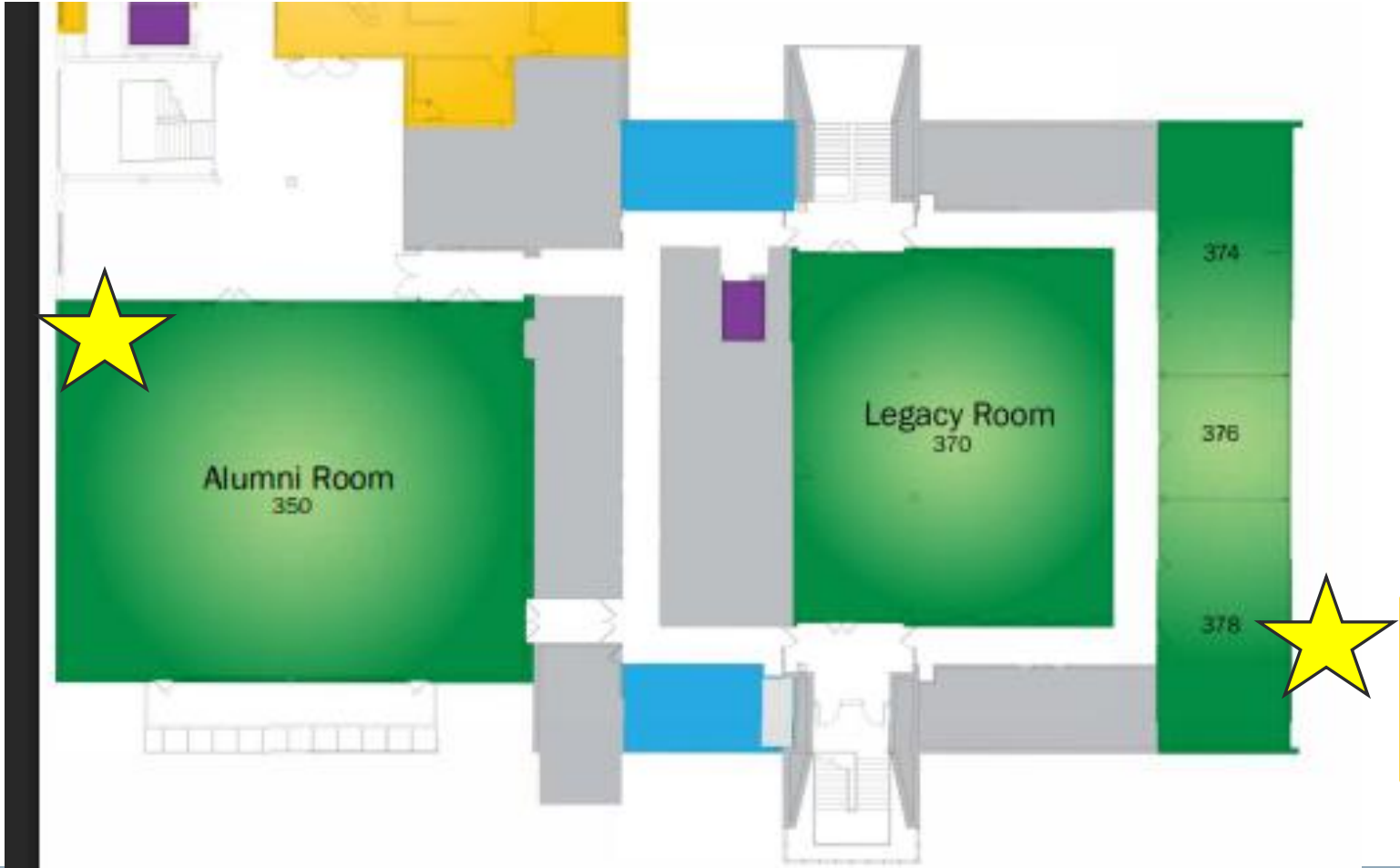
Group Instructions

- Choose a group that aligns with your expertise or interest
- Use the provided template to draft 1-2 SMART goals
- Identify next virtual meeting for working group
- Be ready to share one goal with the full group

Group 1 – Room 378	Group 2 – Alumni Room
Data Strategizing	Elevating People
Questions: <ul style="list-style-type: none">• What statewide structures do we need to sustain CS?• What gaps exist – and how do we measure progress?	Questions: <ul style="list-style-type: none">• How do we amplify CS success stories and build momentum?• What does advocacy look like at different levels?• How do we support educators, students, and leaders?

Breakout Rooms

Elevating
People



Data
Strategizing



Working Group Share Out

<https://bit.ly/CSforWIsurvey>

Exit Survey





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