Envisioning a culturally relevant computational thinking pathway

It's important to build K-12 computational thinking pathways around the **strengths, interests, and resources existing in your community**. Use this tool to help you envision an equitable, culturally relevant computational thinking pathway in your school or district.

Look inward

Examining areas where computational thinking may already be present

- How is computational thinking a part of everyday life for students in our school?
- In what ways are students currently encouraged or prohibited from engaging in computational thinking? Is computational thinking a reward for some or an opportunity for all?
- What groups are not engaging in computational thinking right now, and what activities are currently capturing their time and attention instead?
- How does our school embrace multiple ways of knowing and understanding?

Look outward

Building on the unique context of your local community

- Who in our local community engages with computational thinking as part of their...

  ...profession?

  ...hobby?

  ...cultural tradition?
- In what events and spaces can we connect with any of the people or communities in the answers above?
- How might these people inspire and/ or participate in our computational thinking pathway as role models and mentors?
- How might these local practices inform our computational thinking pathway?

Look forward

Envisioning characteristics of an equitable computational thinking pathway

- What indicators will let us know when students feel a sense of belonging and ownership?
- Who might feel most vulnerable in our computational thinking pathway, and how will we support them?
- What biased patterns of participation do we need to be watchful for and how can we change them?
- How might we support all students in ways that deepen relationships and cultivate agency?

Digital Promise (2020). Maker Learning Leadership Framework.
Escudé, Hooper & Vossoughi (2016). Making Through the Lens of Culture and Power: Toward Transformative Visions for Educational Equity