JFF is partnering with two national providers—Carnegie Math Pathways at WestEd and The Charles A. Dana Center at The University of Texas at Austin—to help Student Success Centers and their colleges support their underprepared students. Both organizations work across several states and institutions to support the effective implementation of mathematics pathways that allow all students to take math courses aligned with their program of study and earn college-level math credit in their first year. They will leverage their expertise in math pathways and developmental education to provide the SSC Network with high-quality resources and customized services for the Centers and their colleges. JFF is collaborating with both providers to develop a set of services; our current thinking is described below and will be shaped with input from Student Success Center executive directors and staff.

Carnegie Math Pathways (CMP) is a network of faculty members, researchers, designers, students, and content experts working to empower all students to reach their college and career goals by transforming their mathematics learning experience. The CMP model emphasizes innovative curricula, research-based pedagogy, professional community, and relevant analytics to improve mathematics teaching and learning.

Dana Center Mathematics Pathways (DCMP) works with strategic collaborators at the regional, state, institutional, and classroom levels to ensure that all students in higher education enroll in mathematics pathways that will prepare them for their future, enable them to make timely progress towards completion of a degree, and empower them as lifelong mathematical learners. The DCMP model emphasizes both structural change and continuous improvement for math pathways.

**Key to Levels of Service**

**Level 1: Online Tools and Resources** such as research publications, policy briefs, recorded webinars, and virtual tools and templates

**Level 2: Training, Convening, and Peer Learning** such as Network-wide workshops and webinars, group consultation with national providers, and leadership development opportunities

**Level 3: Customized Services** such as state-specific coaching and consultation, institutes, and trainings customized for Centers based on readiness and need for deeper, individualized support

**LEVEL 1: Online Tools and Resources**
LEVEL 2: GROUP TRAININGS & WORKSHOPS FOR THE NETWORK

Carnegie Math Pathways (CMP)
CMP will offer **webinars and in-person workshops** for SSC staff and institutional leaders designed to address key elements of effective reform strategies including: aligning math reform with guided pathways; course design and development including co-requisites; faculty professional learning to support active, collaborative learning; implementing social-emotional learning supports including mindset and belonging; and scaling and sustaining effective change.

Dana Center Mathematics Pathway (DCMP)
The Data Center will offer customized **in-person workshops** and **webinars** for the SSCN on Dana Center Mathematics Pathways (DCMP) topics to address the needs of the institutions and vision in the state. Assistance may include designing math pathways work, implementation structures and processes, aligning math pathways with guided pathways, transfer and applicability, or professional learning on pedagogical topics.

LEVEL 3: CUSTOMIZED SERVICES

Carnegie Math Pathways
- **Virtual Consultation** to help EDs and institutional leaders apply the principles and practices presented in the webinars and workshops to their own local contexts. Consultation sessions are facilitated by experts in the chosen topic area and include, whenever possible, engagement with experienced practitioners.
- **State institutes** designed to support a consortium of institutions in joining the CMP Networked Improvement Community and implementing CMP courses Statway and/or Quantway pathways or co-requisites.
- **Custom Engagements** designed to meet the unique needs of individual colleges or consortia. CMP team members will work with institutional leadership teams to determine the appropriate supports for meeting specific, local needs. This may include support for:
  - aligning math reform with guided pathways;
  - course design and development including co-requisites;
  - faculty professional learning to support active, collaborative learning;
  - implementing social-emotional learning supports including mindset and belonging; and
  - scaling and sustaining effective change

Dana Center Mathematics Pathways
**Deep Customized Support**
- Two-years of technical assistance with direct, highly customized support to a select number of Centers (TBD based on need, readiness, and capacity) will be designed and implemented to meet the needs of the institutions and statewide vision. Examples of TA include:
  - On-the-ground state-wide task force organization and guidance for implementing multiple math pathways
  - Workshops on transfer and applicability
  - Co-requisite planning and implementation
  - Aligning mathematics and guided pathways
  - Administrative support strategies
- A consultant will be assigned to work with the Center for the two years. This includes two visits to the state per year and monthly conference calls. Networking opportunities with other states and institutions implementing DCMP will be provided.

Draft as of July 2018