

State: **Iowa** Task Force Next Phase
3-6-9 Month Plan

CBMS Mathematics Pathways Forum
October 2020 - June 2021

	Action	Person Responsible	How	Intended Impact	Deadline	Done
October, November, December	Submit 3-6-9 Month Plan to Lindsay.fitzpatrick@austin.utexas.edu or your state's UT Box folder by October 20.	April Pforts	Iowa team meets on Oct. 13 to finalize the plan. Get final feedback from Team by Oct. 16. April finalizes and submits 10/20.	Create a plan for continuing this work for the 20-21 academic year and beyond w/action, person responsible, how, intended impact, timeline, etc.	Oct 20	Complete
	Formation of the Iowa Higher Education Math Transition Advisory Council (IHEMTAC), with representation from 2- and 4-year public and private institutions as well as high school.	Jacobson Institute, with seed money for FY 2021	IHEMTAC has been formed and its members "deputized" into three action subgroups, one each centering on the three areas: effective HS pathways, effective transition from HS to college, and effective initial college-level math courses. Owing to the highly interrelated nature of the various facets of the math transition issue, these subgroups contain representatives of key stakeholder groups and IHEMTAC is deliberately structured to encourage inter-dependencies and connections between the action subgroups. As of	The Advisory Council shall be responsible for examining the relevant research and related literature around mathematical transitions for the purpose of 1. creating and adopting consensus recommendations regarding expectations of mathematical preparedness, such as preparation for college and career and mathematics placement policies, 2. crafting recommendations for transition coursework at both the high school and college levels, and 3. cooperating with other entities engaged in similar work, including the Iowa Department of Education, in particular recommending membership and/or	Oct 20	Complete

State: **Iowa** Task Force Next Phase
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			mid-January 2021, work of the Council and its subgroups has commenced.	serving on Iowa DoE groups related to this work.		
	(Chris) Communicate recommendations to various stakeholder groups as well as next steps for each sector to plan on contributing to the action steps	All	Identify various communication groups to share out the 3-6-9 month plan and input options.	All sectors (K-12, CC, Regent, Privates, AEA) should be aware of the planned communications and recommendations being updated by key groups	Nov 20	Completed
January, February, March	Virtual Summit on math transition from HS through College likely to be scheduled in late April	Jacobson Institute and IHEMTAC leadership and Steering Committee	IHEMTAC is currently working with Jacobson Institute to plan out the summit details	To form consensus and planned actions for the recommendations that arise from statewide mathematical discussions. During the summit, the three action groups operating within IHEMTAC will provide updates and invite input from attendees. Through the summit, we hope to expand the number and variety of persons involved to build capacity to enact needed changes in the future.	Mar-Apr 21	Completed
April, May, June	Update Iowa small team and Large team from JI Summit.	Jacobson Institute and Steering Committee	April will organize and coordinate virtual update meetings such as either a screencast video or virtual meeting.	To make sure all stakeholders have the most current information.	Apr 21	Pending

State: **Iowa** Task Force Next Phase
3-6-9 Month Plan

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	Create the Iowa Mathematics Ecosystem (IME) (Main Network Improvement Community - NIC)	April Pforts	Identify members, create graphic, timeline, create a website (For Iowa higher ed, connect with the new IHMTAC group - above, particularly as regards Charge #3 for that group.)	A statewide mathematics and mathematics educator communication delivery chain. (Function similar to CBMS with the 19 professional organizations) include CTE, STEM and Iowa workforce development	Apr 21	Completed and ongoing
	Conduct a PDSA cycle for the Iowa Mathematics Ecosystem (IME) (Main NIC)	April Pforts	Virtual meeting with IME members	PDSA Cycle	Apr - June, 21	
	Update Iowa Pathways Large Group (sub-NIC)	April Pforts	Virtual Meeting - Make recording, documents and resources available	PDSA Cycle	Apr - June, 21	
	Conduct a root cause analysis and complete AIM and Driver diagram for the Iowa Mathematics Ecosystem (IME) (Main NIC)	April Pforts	Virtual meeting with IME members	Card sort Activity and Fishbone graphic	Apr - Jun 21	
	(Chris) Establish the baseline Iowa higher education content targets for each of the possible,	IHE institutions and IHMTAC council (above) come together,	Meetings of Iowa stakeholders to put together viable and necessary pathways on	Agreement on the needed pathways for students to learn relevant math and succeed in their chosen fields.	Jun 21	

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	viable math pathways for the K-12 to view, build and eventually meet for students leaving the secondary level.	formulate, revise, and agree.	paper(!) to expand student options (this will be a continuously refined process). Connect to new higher ed IHMTAC group regarding targets (charge #1), transition courses (charge #2), and collaboration with other Iowa groups (charge #3)			
	Save the date. We have reserved the Hyatt Regency in Reston, VA for next spring, Sunday afternoon to Tuesday afternoon, May 1–3, 2022.	CBMS State Leadership Team: April Pforts	This will be an opportunity to share successes and challenges and learn about the programs and supports available from the CBMS member societies and the Charles A. Dana Center. As in 2019, we will be able to cover registration costs as well as rooms for two nights for up to six members of each state's team.	TBD post JI Summit	June 2021	

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CBMS Mathematics Alignment Forum
October 2020