

SUMMIT-P PARTNER DISCIPLINE CLUSTERS LOCAL INSTITUTIONS

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Understanding Content

- ▣ What conceptual mathematical principles must students master in the first two years?
- ▣ What mathematical problem solving skills must students master in the first two years?
- ▣ What broad mathematical topics must students master in the first two years?
- ▣ What are the priorities that exist within these topics?



Reflections on Report

- ▣ As you read the summary and related subject/content areas from the CF report, do the recommendations still ring true?
- ▣ Do you believe there are factors/issues unique to your discipline that are not reflected in the CF report?



Balance

- ▣ What is the desired balance between theoretical understanding and computational skill? How is this balance achieved?



Responding to Student Needs

- ▣ What are the mathematical needs of different student populations and how can they be fulfilled?



Technology

- ▣ What mathematical technology skills should students master in the first two years?



Instructional Techniques

- ▣ What instructional methodologies or educational research relative to teaching math concepts in your discipline would you like to be made aware of?



Instructional Interconnections

- ▣ How can dialogue on educational issues between your discipline and mathematics best be maintained?

