



# Foundation Preparedness

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# College Ready

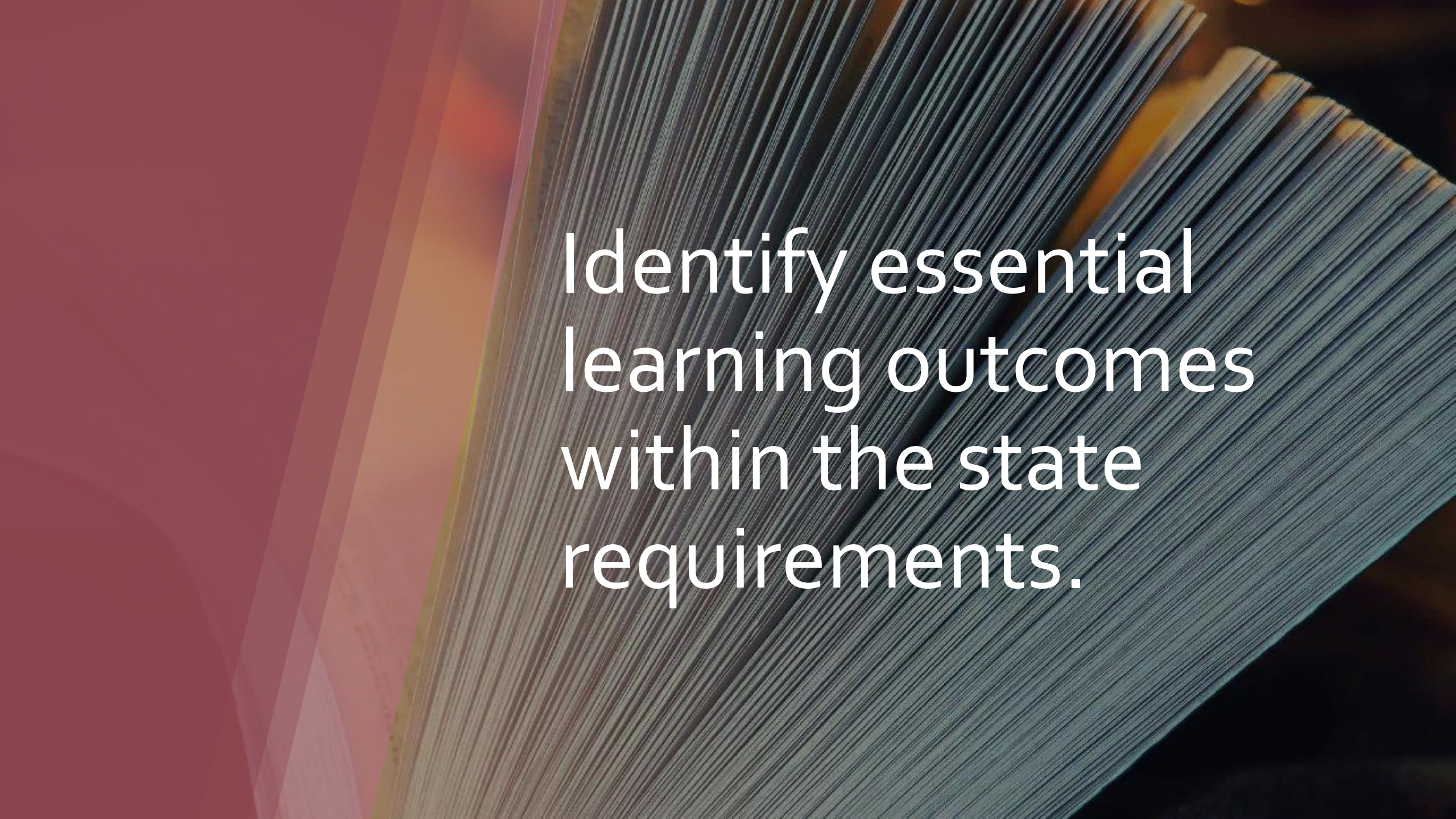
Being **ready** for **college** means that a high school graduate has the knowledge and skills necessary to qualify for and succeed in entry-level, credit-bearing **college** courses without the need for remedial coursework.



A group of four students are gathered around a table in a library, looking at a laptop and papers. The background shows bookshelves filled with books. The scene is brightly lit, suggesting a daytime setting. The students appear to be engaged in a collaborative learning activity.

# Factor 1: State standards in developmental mathematics courses are too broad.

Lack of understanding of basic arithmetic and algebra skills necessary to be prepared for college-credit mathematics courses.



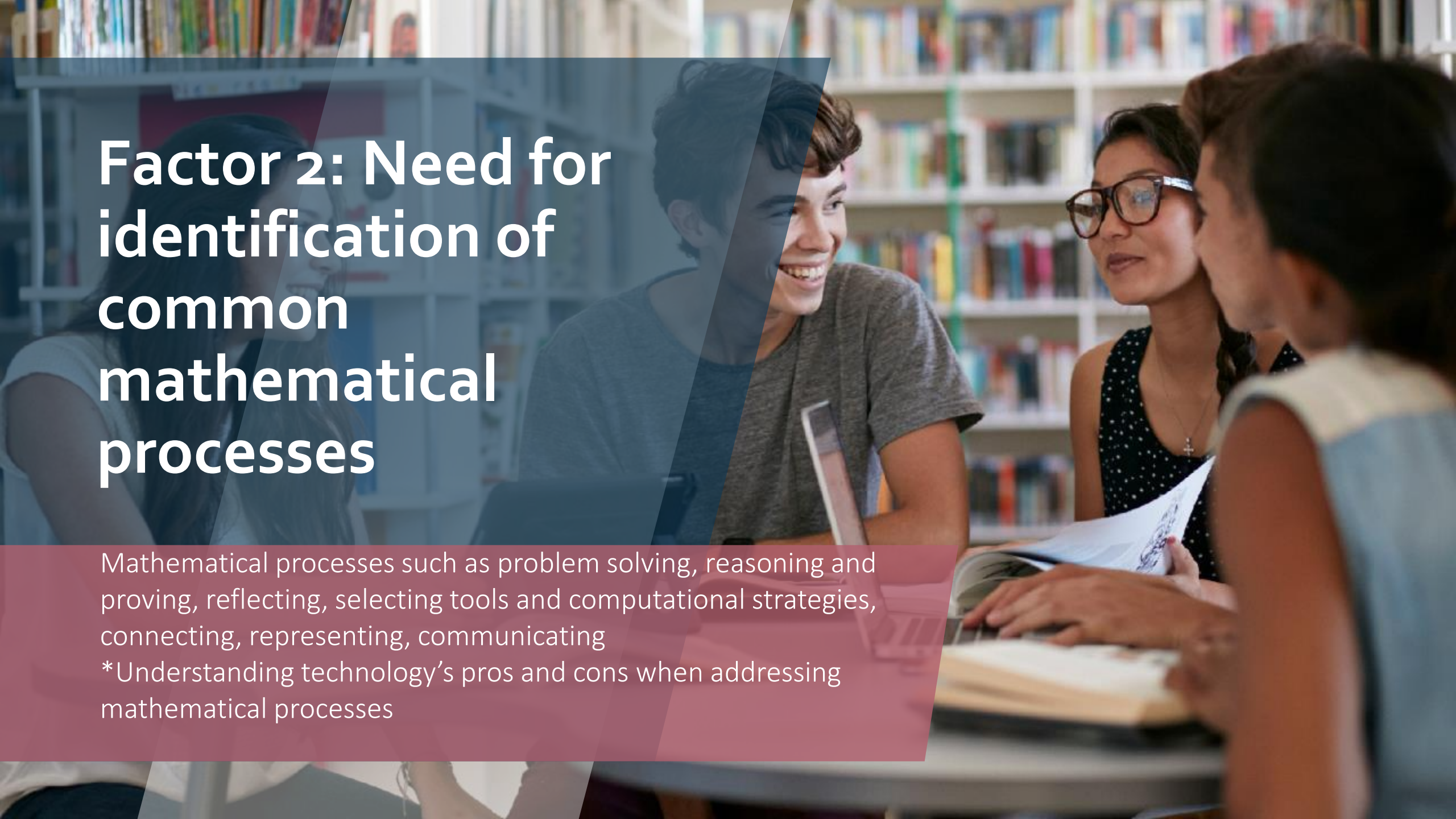
Identify essential  
learning outcomes  
within the state  
requirements.

# Advantages

- Awareness of essential mathematical outcomes
- Consistency of instructional practices statewide
- Communication between K-12 and college-level educators

# Disadvantages

- Significant requirement of effective communication, time and resources to reach a consensus
- Challenging to ensure representation from all stakeholders

A photograph of four students in a library setting. A young man in a grey t-shirt is smiling and looking towards a young woman with glasses who is holding a book. Another young woman is partially visible in the foreground, and a young man is in the background. The background is filled with bookshelves.

## Factor 2: Need for identification of common mathematical processes

Mathematical processes such as problem solving, reasoning and proving, reflecting, selecting tools and computational strategies, connecting, representing, communicating

\*Understanding technology's pros and cons when addressing mathematical processes

# Advantages

- Awareness of essential mathematical processes
- Consistency of instructional practices statewide
- Communication between K-12 and college-level educators
- Improvement of students' internal motivation through emphasis on mathematical relevance



# Disadvantage

- Difficult to Measure



## Workgroup: FCS Math Sequences

### Huddle: 1 Foundations Preparedness

Recommendation	Strategy
<p>1. Establish a Mathematics Foundations Committee including representatives from the three main levels of education: K-12, State College and University educators and administrators to begin working immediately to:</p>	<ul style="list-style-type: none"><li>➤ Review and revise developmental mathematics state standards and identify essential standards.</li></ul>
<p>2. Establish a mathematical process expectations document that outlines best practices and applications.</p>	<ul style="list-style-type: none"><li>➤ Identify essential mathematical processes, such as problem solving, reasoning and proving, reflecting, selecting tools and computational strategies, connecting, representing, and communicating.</li><li>➤ Propose strategies to implement mathematical processes.</li></ul>

# Why does this recommendation need to be implemented?



- ❖ Since Senate Bill 1720 went into effect, the Florida state college system's approach to meeting the needs of underprepared students has changed while the state standards have yet to be reviewed in order to align with these changes.



- ❖ Lack of emphasis on mathematical processes
- ❖ Need for targeting essential standards and learning processes necessary for success in gateway mathematics courses





Every student can learn, just not on the same day or in the same way.

George Evans

# Questions



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## References

Voluntary Remediation in Florida: Will It Blaze a New Trail or Stop Student Pathways?

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Flip-Flop on Florida Colleges

<https://www.insidehighered.com/news/2017/05/12/florida-lawmakers-look-cut-remediation-and-cap-bachelors-degrees>

The Importance of Developmental Education in Rural Communities

[https://tacc.org/sites/default/files/documents/2019-04/rural\\_developmental\\_education.pdf](https://tacc.org/sites/default/files/documents/2019-04/rural_developmental_education.pdf)

[Increasing Momentum for Student Success: FSU](#)

[The Underprepared Student and Community Colleges](#)