

# Foundations of Math

Foundations of Math (FoM) is a content course focused on developing and deepening teachers' mathematical understanding. Deeper mathematical understanding:

- shifts educator beliefs and pedagogy about mathematics instruction,
- positions the educator to understand and implement practices rooted in evidence and research
- improves mathematics achievement for every learner, including those with Individualized Education Programs.

Participants will deepen their understanding of mathematics by exploring foundational components of number sense and making connections between critical developmental stages: understanding quantity and context, verbalizing understanding, and representing knowledge using symbols. They will leave the course prepared to engage in tasks, activities and discussion that develop and leverage learners' number sense and improve math understanding.

**If you're ready to support the learners  
in your classroom/ caseload:**

**If you're ready to create systemic  
change for ALL learners in your ISD:**



**Explore FoM**

[info.altshift.education/ExploreFoM](http://info.altshift.education/ExploreFoM)



**Online Modules**

[info.altshift.education/  
FoMOnlineModules](http://info.altshift.education/FoMOnlineModules)



**Explore Partnership**

[info.altshift.education/  
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**Inquiry Form**

[Info.altshift.education/InquiryForm](http://info.altshift.education/InquiryForm)

Alt+Shift partners with intermediate school district (ISD) teams to engage in systemic work that strengthens capacity to implement and sustain Foundations of Math within their member districts and ISD programs, yielding improved educational outcomes for all learners.

## Testimonial

*"My long standing notions about math were challenged... I came away with a lot of 'big picture' ideas I would not have had otherwise... Would highly recommend [it] to my peers."*

Contact us today at [info@altshift.education](mailto:info@altshift.education) or call 517-908-3930

Find more information at [altshift.education](http://altshift.education)