

Is math facts fluency an issue for your classroom, school or school district?

## FactsWise is research-based and has remarkable results!\*



- Daily mini-lessons for 5 to 10 minutes
- Concrete to Representational to Abstract
- Connecting + with – and x with ÷
- Strategies and patterns
- Games and practice with partners
- Valid assessment strategies

*"This is working for my class! Less stress than timed tests and so much more learning and excitement happening with my students!" (Teacher, Santa Maria, CA 2017)*

[www.factswise.com](http://www.factswise.com) for overview, online courses, and resource books

[factswise.math@gmail.com](mailto:factswise.math@gmail.com) for workshop inquiries

[Professional development credits for FactsWise courses](#) available through [Brandman University](#)

*"It was one of those ah-ha moments when we went through FactsWise where I went "Oh, isn't this such a better way to be doing this. Why haven't we always been doing this?" It was one of those moments where the light bulb finally went on and I went "Now I get it." And so, moving forward, I can't go back to what was. Because I know now how this SHOULD be done". (Yvonne, Dual Immersion Principal, 2017)*

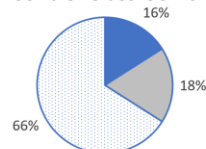
**With FactsWise, 3/4 of 1<sup>st</sup> graders finished the year highly fluent with the 2<sup>nd</sup> grade fluency standard!**

**First-Grade Fluency**  
(last 4 weeks of school year)

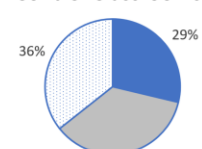
**Key**  
Blue:  $\geq 80\%$  fluent  
Gray: 50-79% fluent  
White:  $< 50\%$  fluent

10 control classrooms  
(98 students)  
14 FactsWise classrooms  
(141 students)

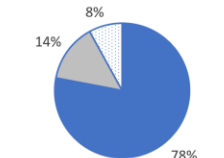
**Girls Total Fluency**  
Control Classrooms



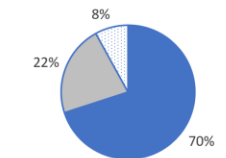
**Boys Total Fluency**  
Control Classrooms



**FactsWise Classrooms**



**FactsWise Classrooms**



\* Large Effect Sizes of 1.0 (English L1 students) to 1.5 (Spanish L1 students)