This image represents a collective vision for math in the community discussed by attendees at our Summer Institute.

Artist Credit: Lorra Jackson
Dear Zeno Supporter,

Thanks to you, we had a fantastic year of growth and innovation!

After shifting our focus to early math learners, we have seen significant growth in our MathWays for Early Learning program. What started as a small pilot in 2015 has grown into an innovative, highly sought-after model for early math engagement and education. During the 2016-2017 school year, we served 500 families through the program in 17 preschool classrooms and 5 home visit agencies in the Seattle area.

We also made significant progress in adapting our program design and evaluation models to center the voices of the families we serve. While a growing body of academic research stresses math play and importance of starting early, it is clear that more attention needs to be paid to the experiences, thoughts, and opinions of families as they support their child's math learning. Zeno was excited to partner with Purple Group, a Chicago-based communications firm, to develop a new Family Discussion Group model to directly connect with families and engage them in meaningful discussions around how they see math in their communities and what challenges they face.

We are excited about what we accomplished in our 2016-17 fiscal year, and look forward to building on that work in the year to come. Thanks to your support, Zeno is ready to serve more families, explore further geographic expansion, and solidify our position as a key player in the early learning community!

Kind Regards,

Julie Marl
Executive Director

Mission: Increase children’s competence and confidence in math with fun and engaging activities by partnering with early learning organizations and schools serving families most in need of math resources.

Vision: A world in which everyone knows they can do math.
Served more families and hosted Zeno’s first Summer Institute

Expanded strong community partnerships and developed family-centered evaluation practices

Recognized as one of the few in the nation putting math education research into practice for early learning
Early Learning Growth

Served **500 families**, twice as many the previous year

From September 2016 to August 2017 we reached over 500 families through the Mathways for Early Learning program, which represents a significant increase over last year.

This growth allowed us to refine the program model and prepare to scale to wider a geographic area going forward!

Hosted our first **Summer Institute**

In August, we hosted our first Summer Institute for over 60 early childhood educators and providers from our partner organizations. Attendees participated in workshops facilitated by Zeno staff, partners, and community members on creative ways to bring math play into the homes of families.
Family Centered Programs

Community partnerships

Our partners play a key role in providing feedback on our materials and delivery methods, as well as assisting in translations.

We work with community-based, family service organizations that families already go to and trust to increase accessibility for families and make math a part of the everyday routine.

Developed family-centered evaluation practices

This year, we hosted 6 Family Discussion Groups with families in the Chinese, Latino, and African American communities, and plan to host more groups with additional communities in this coming year.

Additionally, we play tested games and collected feedback via surveys from families participating in our programs.
Putting Research into Practice

Collaborated with researchers across the country

Zeno was invited to participate in a Family Math Fluency gathering hosted by the University of Chicago and the Heising-Simmons, Overdeck, and Bill + Melinda Gates Foundations.

Based on relationships built at this gathering, we collaborated with Dr. Geetha Ramani of UMCP and Dr. Dario Cvenček of the UW’s Institute for Learning + Brain Sciences (I-LABS) on research projects exploring attitudes and beliefs around math.

Created and distributed 10 new games

We updated our games to combine research-based learning methods with accessible formats!

Zeno collaborated with volunteer graphic designers, copy writers, and local production company KP Corp to create games that reinforce early math concepts in an accessible and visually appealing way.
2016-2017 by the Numbers

500 families played math at home through MathWays

600 kids and family members built their math skills at a Family Math Event

800 kids and family members explored everyday math at a Math + Science Mashup event

500 kids and family members built their math skills at a MathFest event

Program Partners

Atlantic Street Center
Beautiful Savior
Boulevard Park Library
Burien Library
Chinese Information + Services Center
Dearborn Park Elementary
El Centro de la Raza
Encompass NW
Hazel Valley Elementary
Head Start (Roxhill Elementary + Educare)
Highlands Elementary
Kent Commons Community Center

Launch at Madrona K-8 Elementary
Madrona Elementary
Meadowridge Elementary
Mountlake Terrace Library
Mount View Elementary
Rainier Community Center
SPP (Highland Park Elementary)
Shoreline Library
Springbrook Elementary
Van Asselt Elementary
YWCA
**Funding Partners**

- Bill + Melinda Gates Foundation
- BMGI
- Cray, Inc.
- Educational Legacy Fund
- Microsoft Corporation
- Norman Raab Foundation
- Pacific Continental Bank
- Stolte Family Foundation
- The Boeing Company
- The Medina Foundation
- The Norcliffe Foundation
- The Robinson Family Foundation
- Threshold Group
- Thrive Washington
- T-Mobile
- Treeline Foundation
- U.S. Bank Foundation
- Umpqua Bank
- Washington STEM
- Wells Fargo

**Financials**

**Functional Expenses**

- Admin 20%
- Programs 59%
- Development 21%

**Categorical Expenses**

- Personnel 57%
- General 24%
- Contract Services 14%
- Facilities 4%

**Expenses - $1,114,086**

**Revenue Sources**

- Corporate 43%
- Program Services 2%
- Individual 27%
- Foundation 24%
- Special Events 4%

**Revenue - $958,036**
Board

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