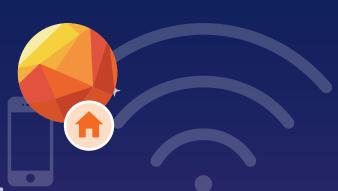
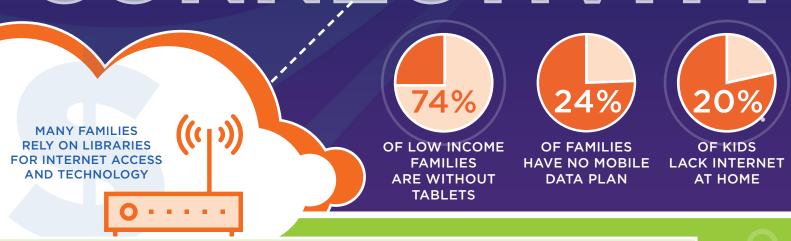
## **BRIDGING THE DIGITAL DIVIDE**

Learning apps have a powerful impact on development and education. **INCREASE MOTIVATION** AND ENGAGEMENT **INCREASE MATH** WITH LEARNING **EFFICIENCY BY +66%** BY +98% APPS INCREASE READING **EFFICIENCY BY +40% INCREASE SCIENCE** TEST SCORES BY +29% **DECREASE SHARPEN** HIGH SCHOOL **EXPAND FINE MOTOR VOCABULARY DROPOUT SKILLS RATES** 



Internet access is limited for many families, creating an educational divide.

## CONNECTIVITY



Libraries can bridge the accessibility gap.

STUDENTS MAKE 1.3 BILLION VISITS TO SCHOOL LIBRARIES A YEAR

77% OF PATRONS RELY
ON THEIR LIBRARY
FOR TECHNOLOGY
AND INTERNET ACCESS

77%

## EQUAL ACCESS



THROUGH THE CONTINUED ADOPTION
OF MOBILE TECHNOLOGY, LIBRARY SERVICES
CAN POTENTIALLY ENGAGE TRADITIONALLY
UNDERSERVED GROUPS.

TIMOTHY VOLLMER, CONSULTANT TO THE AMERICAN LIBRARY ASSOCIATION

Together we can give everyone access to powerful digital content



BUILT FOR CIRCULATION • PRE-LOADED WITH HIGH-QUALITY LEARNING APPS AND GAMES
 ALWAYS ACCESSIBLE WITHOUT AN INTERNET CONNECTION
 SUBJECT AREA PACKS RANGE FROM ENGLISH LANGUAGE ARTS TO MATH, SCIENCE, STEAM, AND MORE

For more information and works cited visit playaway.com/launchpad/kids



## Bridging the Digital Divide Launchpad Infographic Works Cited

- Alliance for Excellent Education Staff. "Technology Can Close Achievement Gaps, Improve Learning." *Stanford University Graduate School of Education*. Stanford Graduate School, 10 September 2014. Web. 23 June 2016.
- "IPad in Education Results." Apple, Inc. October 2014. PowerPoint. 10 June 2016.
- Moyer-Packenham et al. "The Role of Affordances in Children's Learning Performance and Efficiency when Using Virtual Manipulative Mathematics Touch-Screen Apps." *Mathematics Education Research Group of Australasia, Inc.* 28 (2015): 79-105. Web. 9 June 2016.
- Neumann, Michelle M. "Young Children's Use of Touch Screen Tablets for Writing and Reading at Home: Relationships with Emergent Literacy." *Elsevier* 97 (2016): 61-68. Web. 9 June 2016.
- "Public Libraries and Technology." Pew Research Center, Washington, D.C. (July 9, 2014). http://libraries.pewinternet.org/2014/07/09/public-libraries-and-technology-from-houses-of-knowledge-to-houses-of-access/, 29 July 2016.
- "Quotable Facts About America's Libraries." American Library Association. ALA, September 2012. Web. 29 July 2016.
- Rideout, V. J. & Katz, V.S. (2016). "Opportunity for all? Technology and learning in lower-income families." *A report of the Families and Media Project*. New York: The Joan Ganz Cooney Center at Sesame Workshop. Web. 23 June 2016.
- "Technology Adoption by Lower Income Populations." Pew Research Center, Washington, D.C. (October 8, 2013). http://www.pewinternet.org/2013/10/08/technology-adoption-by-lower-income-populations/, 10 June 2016.
- Vollmer, Timothy. "There's an App for That!" *ALA Office for Information Technology Policy.* Policy Brief No. 3. June 2010. Web. 29 July 2016.
- Wu, Qun. "Designing a Smartphone App to Teach English (L2) Vocabulary." Elsevier 85 (2015): 170-179. Web. 9 June 2016.