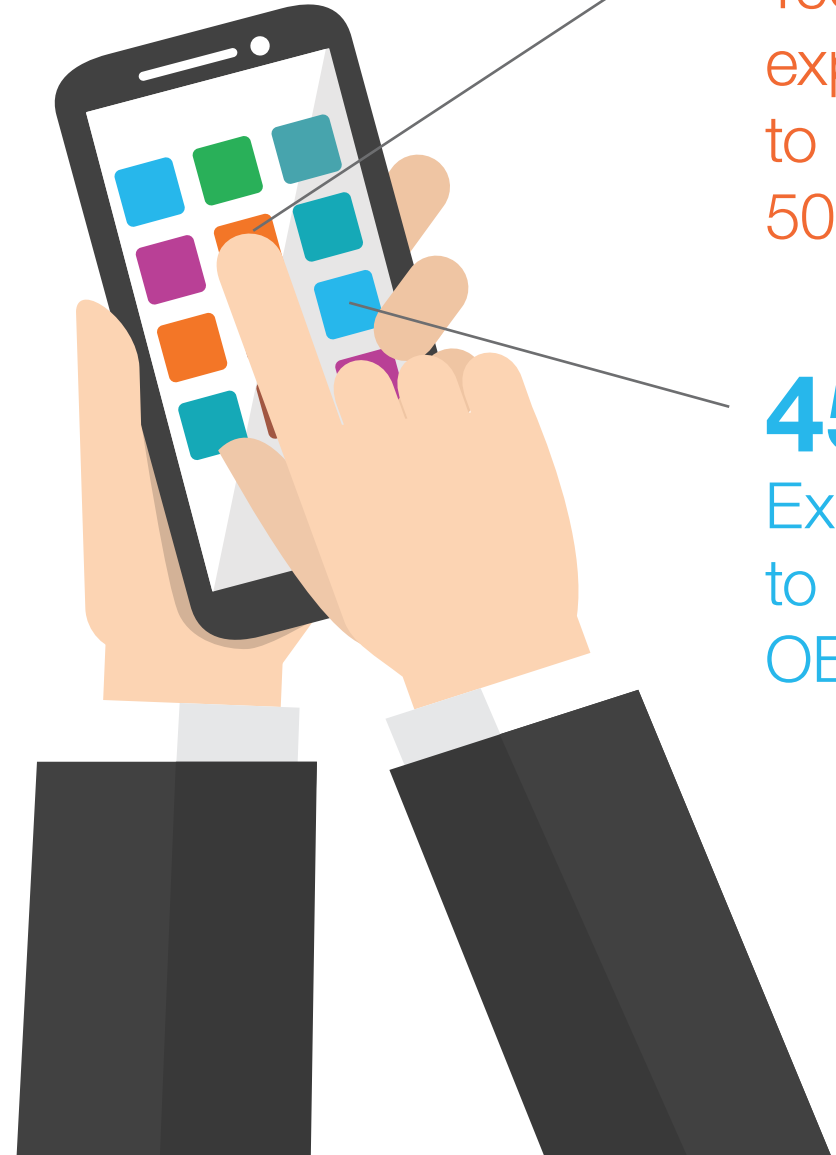


Shifting K-12 Technology into High Gear



Digital Innovation is Building Better K-12 Infrastructure for Tomorrow

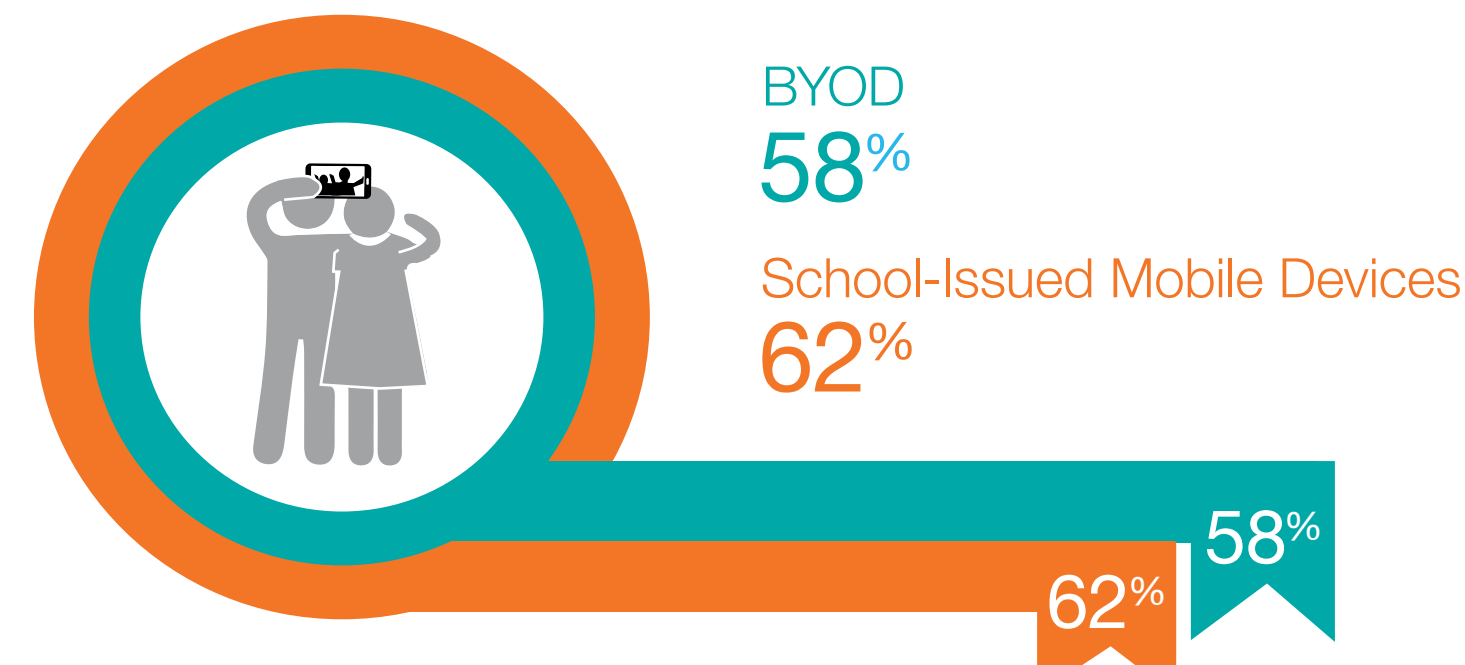


88%
Technology leaders expect instructions to be at least 50% digital by 2019

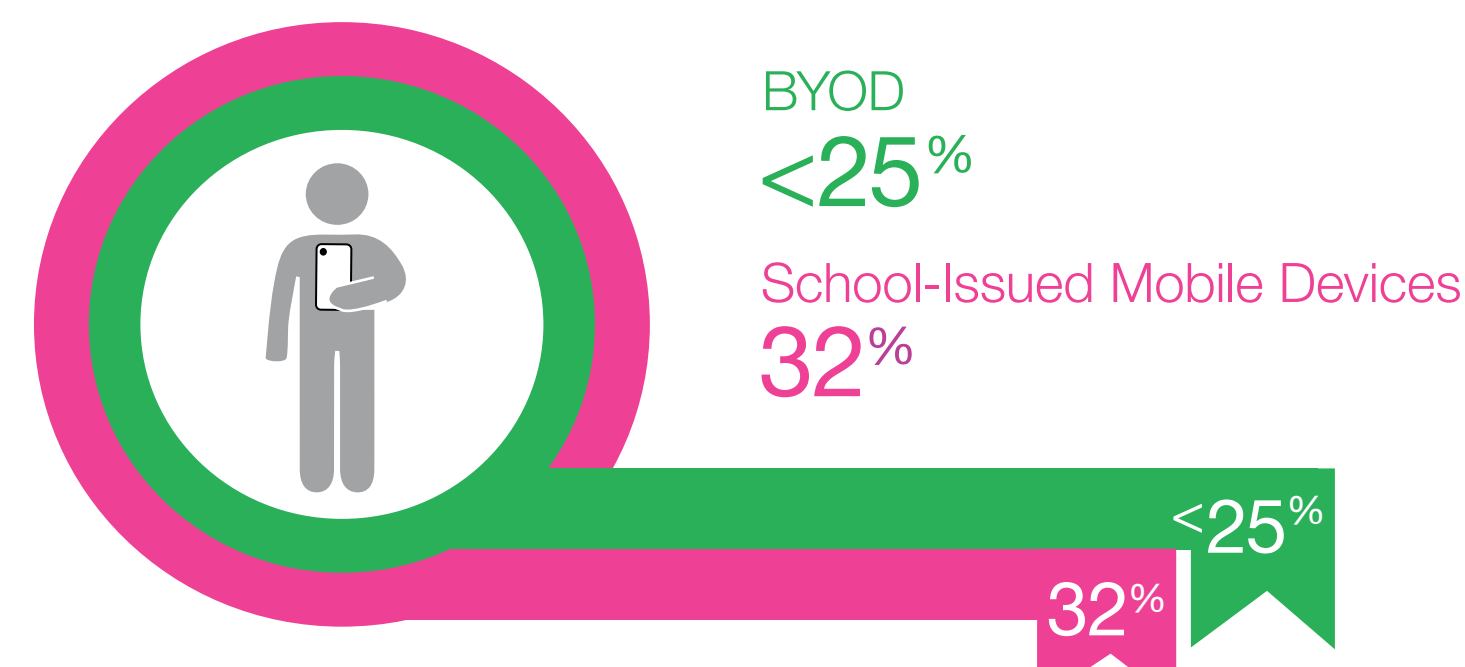
45%
Expect digital content to be at least 50% OER* by 2019

Wi-Fi Access Enables BYOD and 1:1 Adoption

High Schoolers



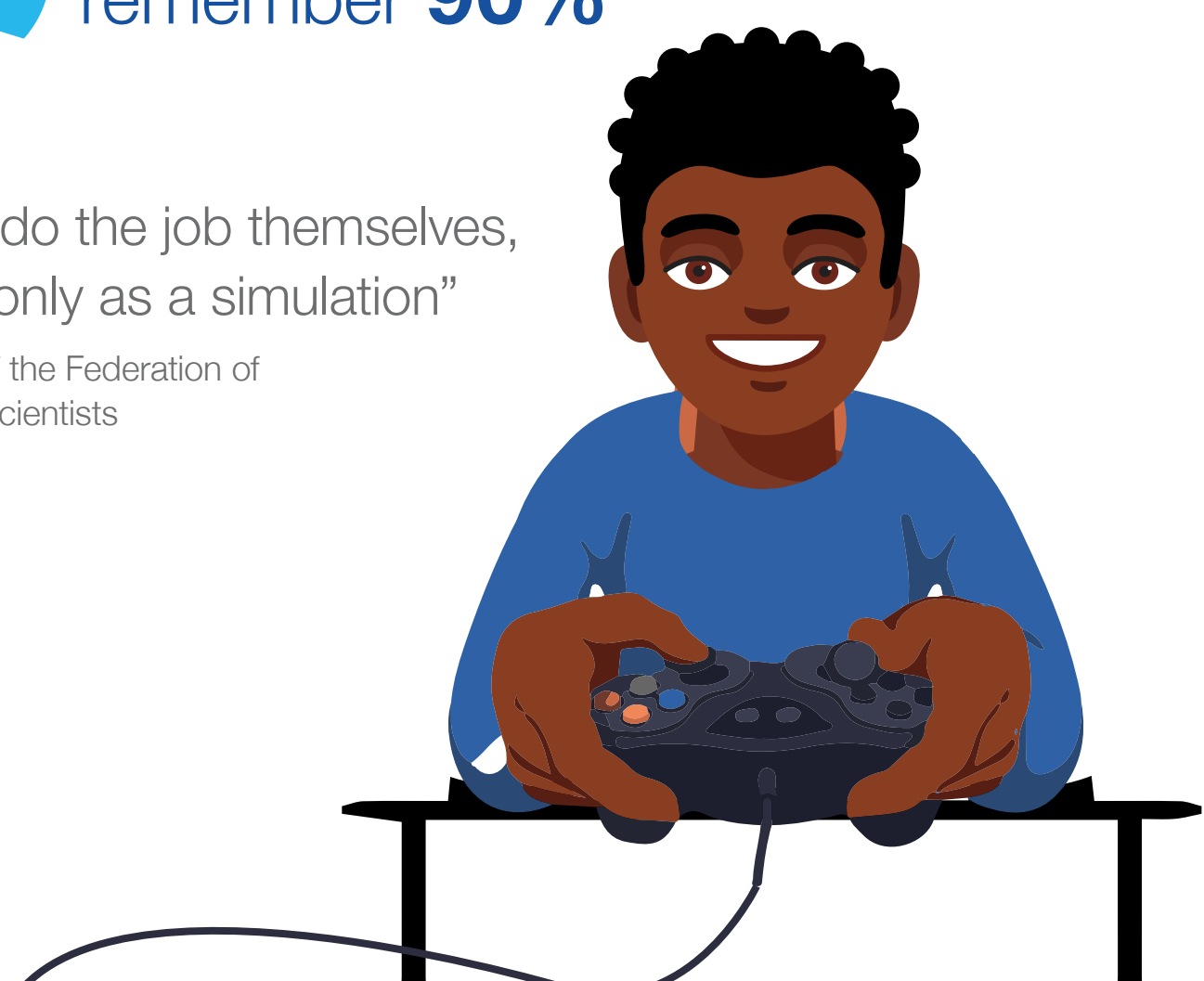
Middle Schoolers



Gamification is Re-shaping Learning

Students remember **90%**

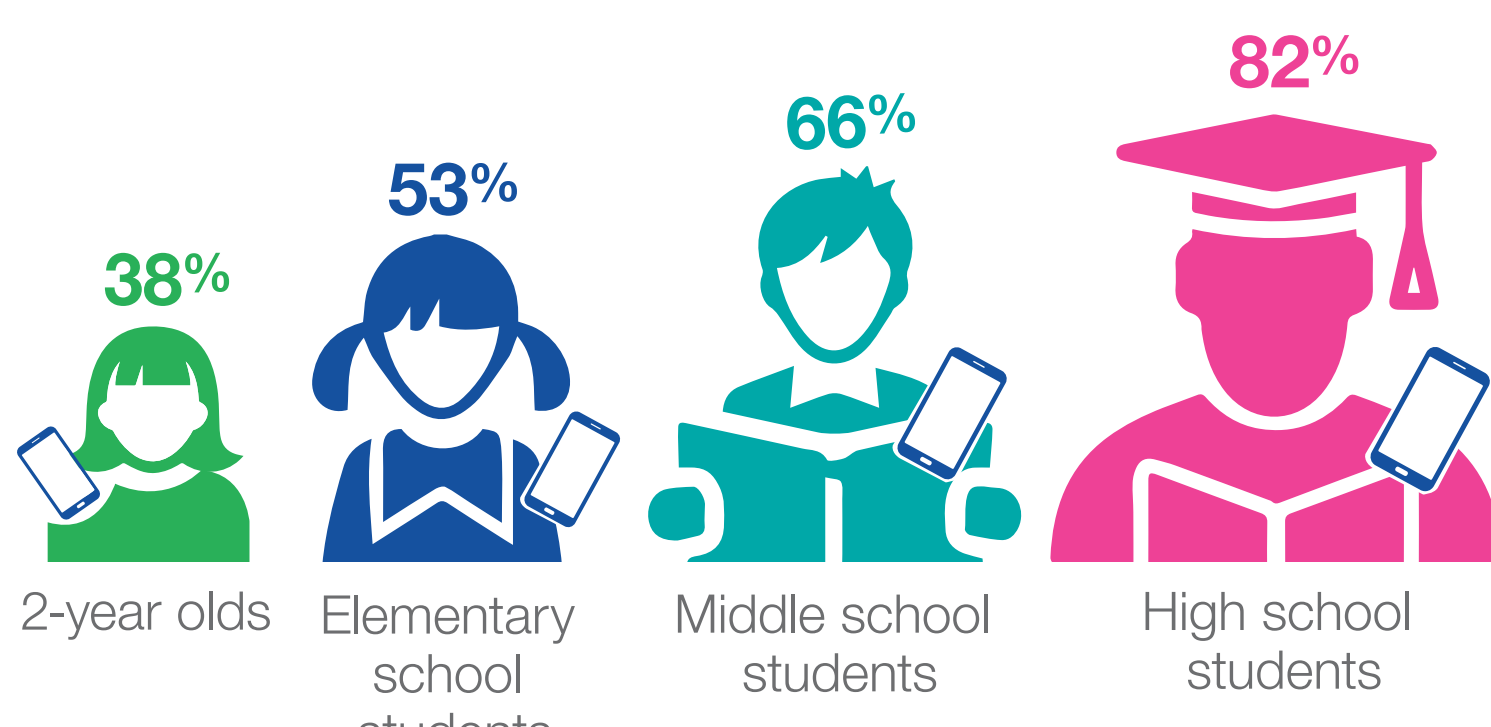
"If they do the job themselves, even if only as a simulation"
- Summit of the Federation of American Scientists



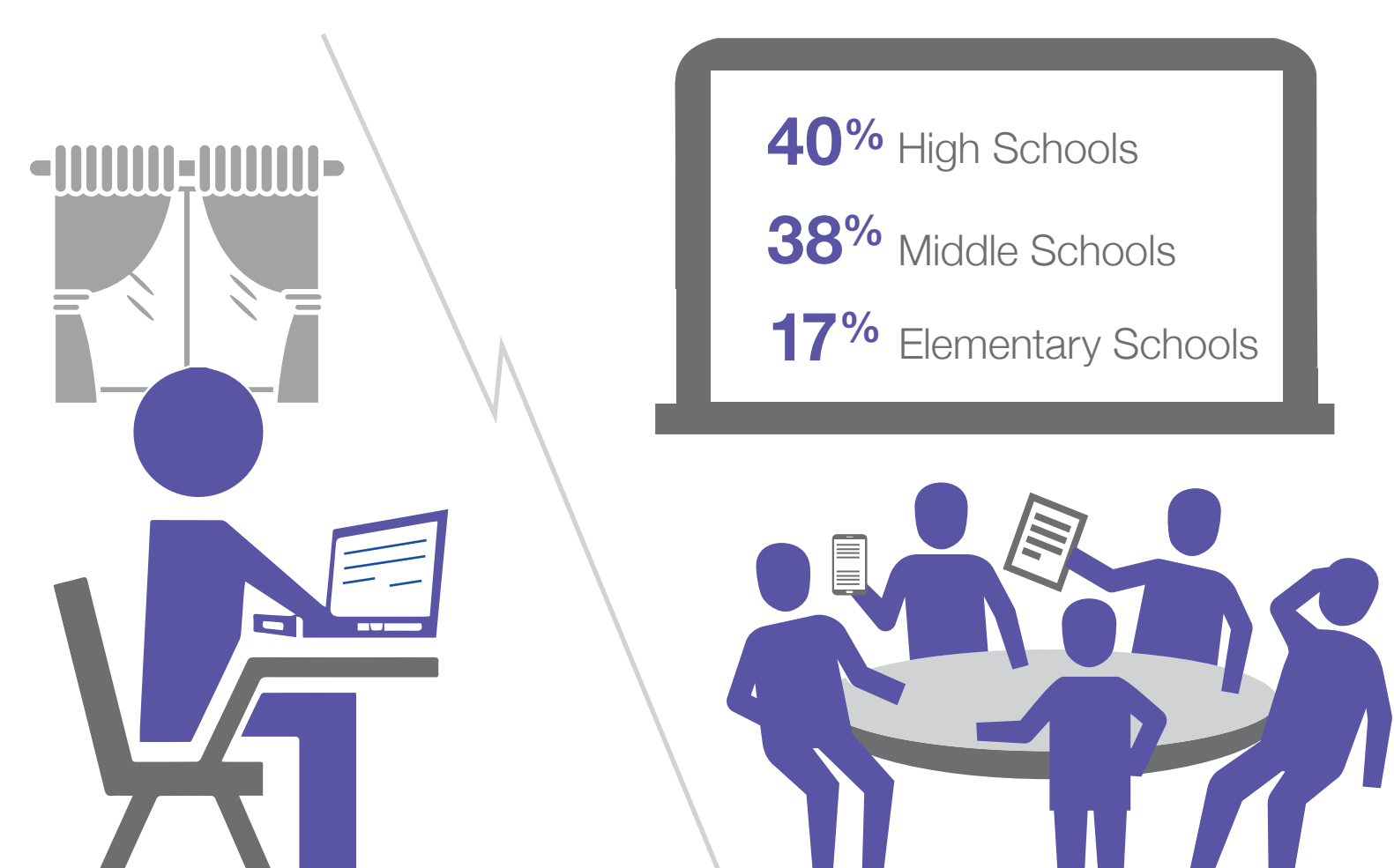
Mobile Devices and Wi-Fi are Transforming the Learning Experience



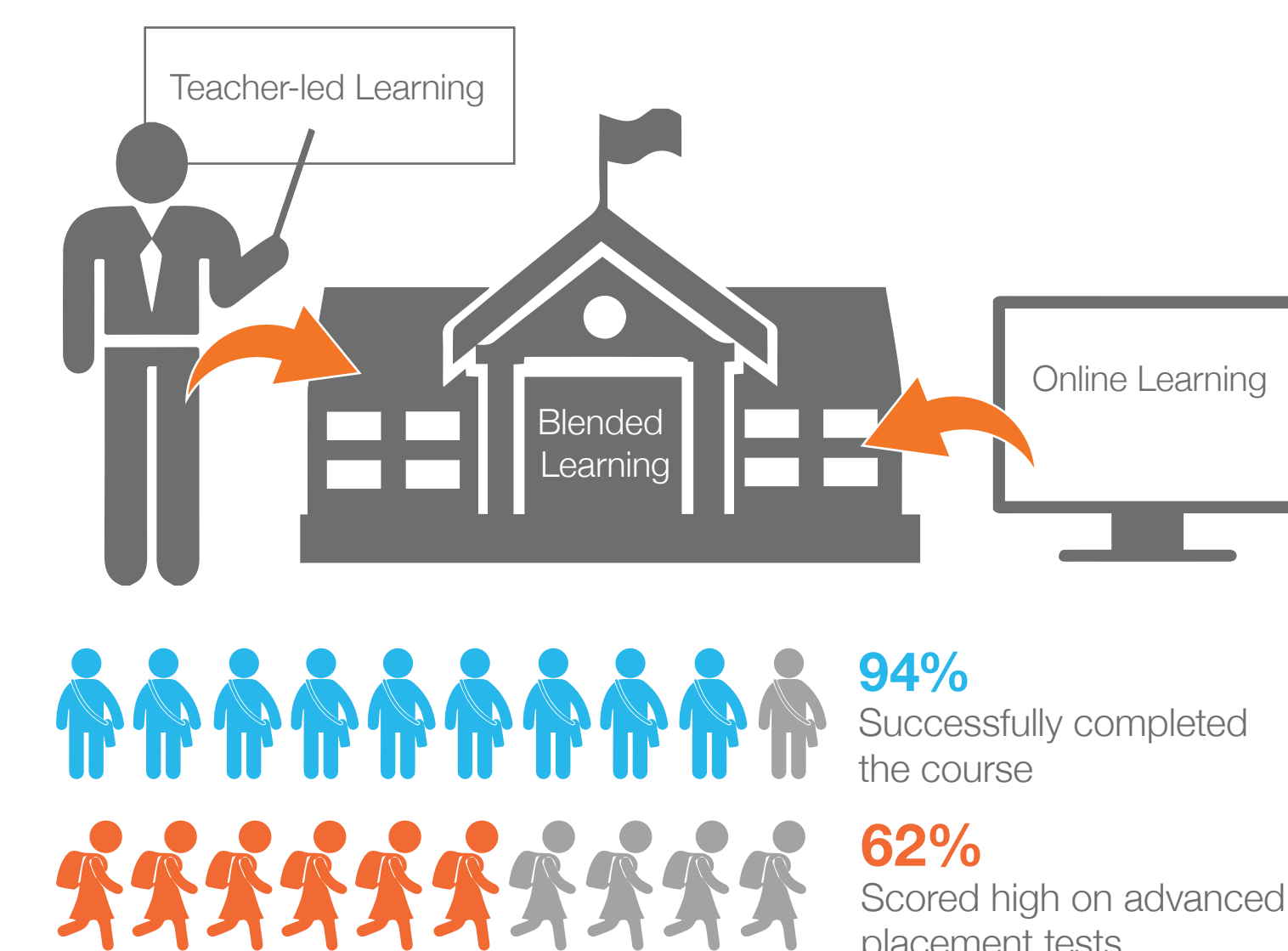
Use Smartphones Regularly



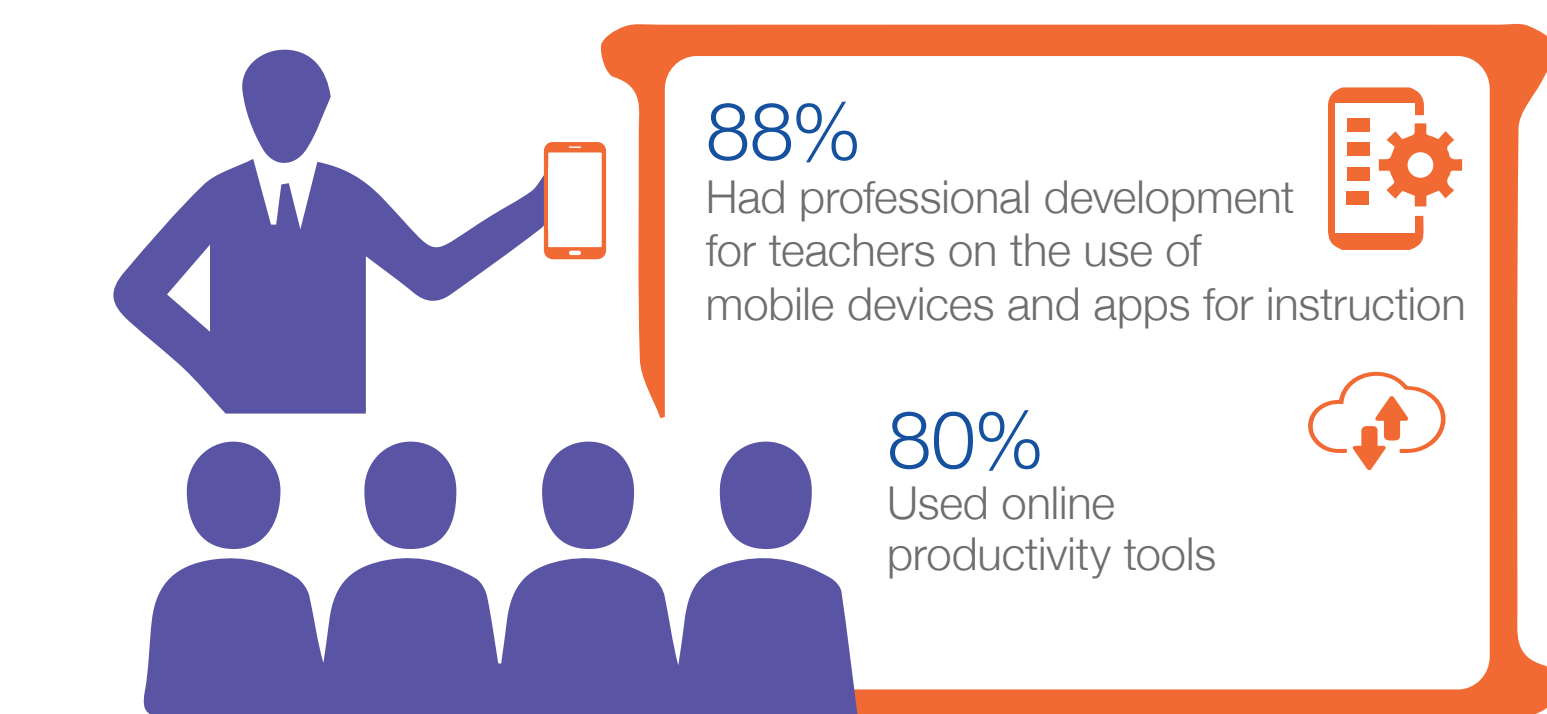
Implemented Flipped Learning with "Positive Results"



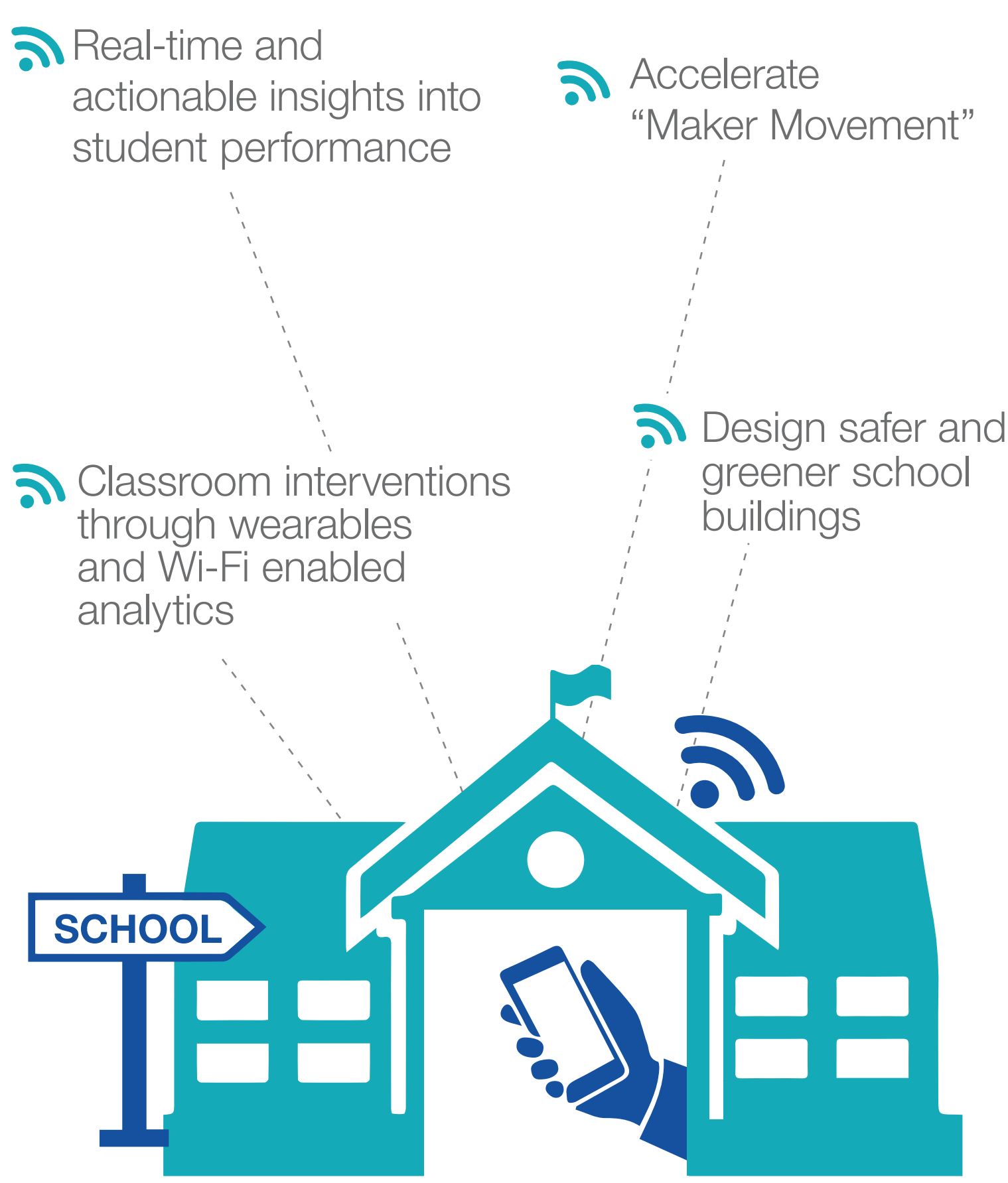
Blended Learning is Narrowing the Achievement Gap



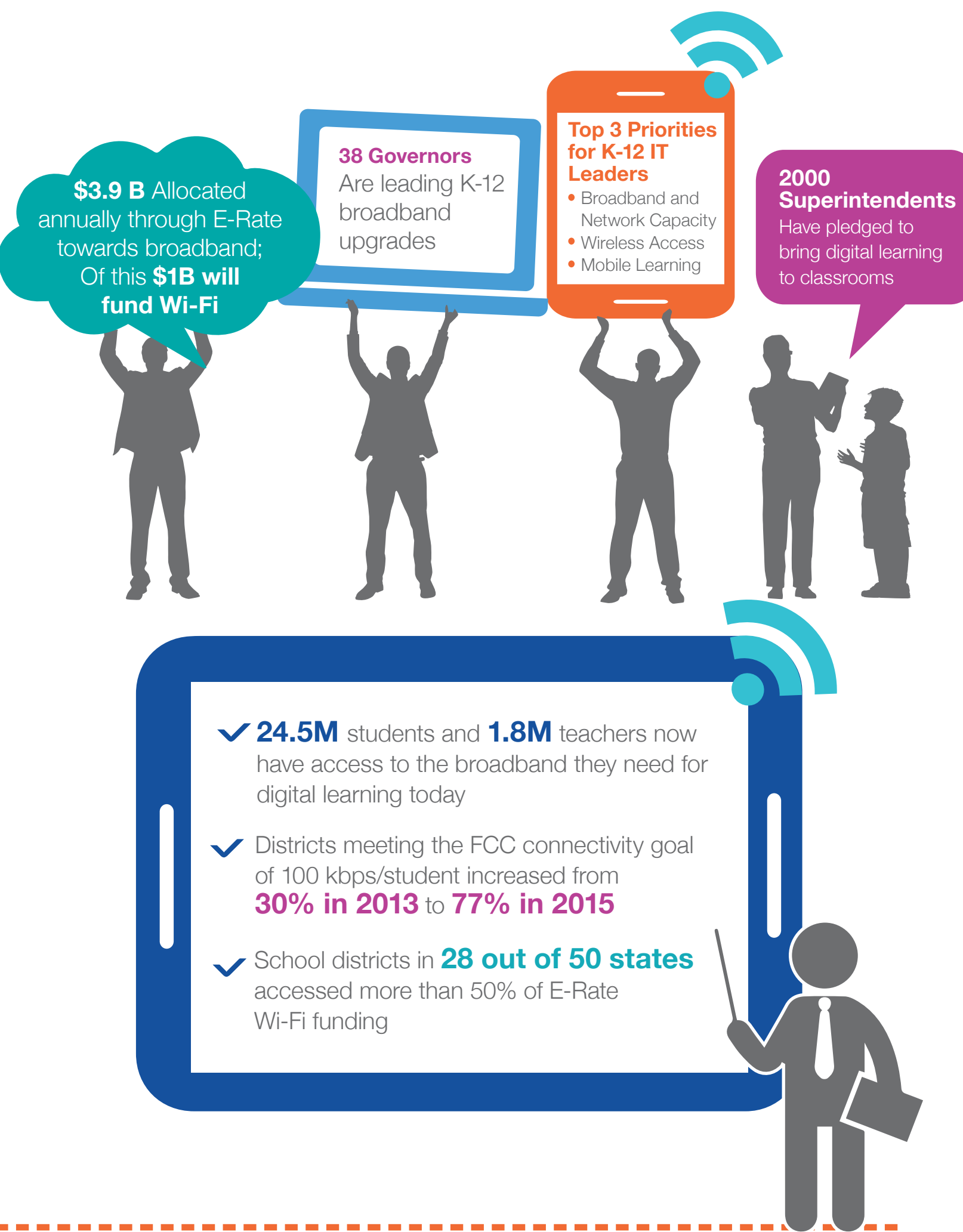
Districts Accelerated Professional Development and Collaboration



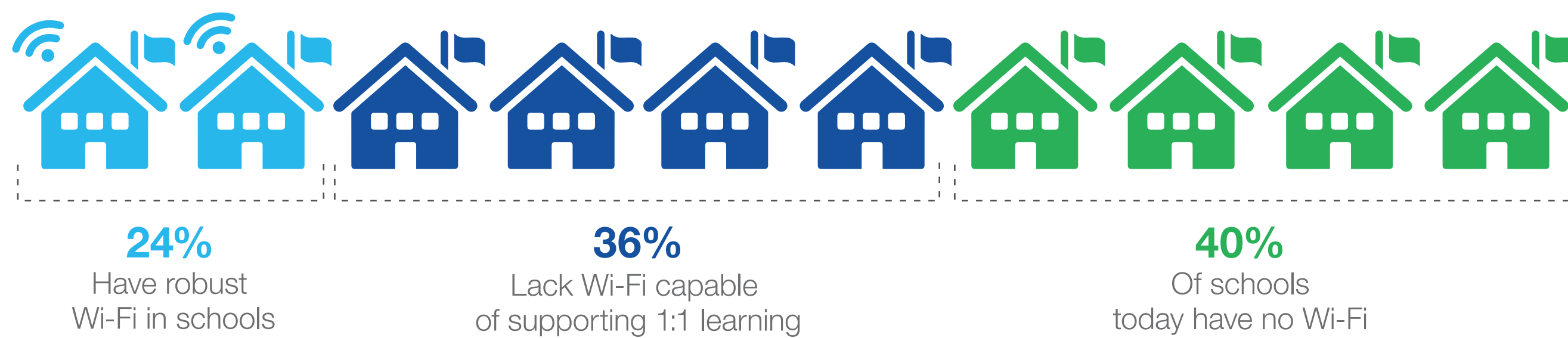
"Access" and "Smart Use" Enabled by IOT and Ubiquitous Wi-Fi



Multiple Forces Converging to Close the K-12 Connectivity Gap



Challenges Faced by School Districts that Want to be Future Ready



21.3 M Students still lack broadband for digital learning

82% Districts struggle with homework gap with no plans to address internet needs outside schools

Digital citizenship is a must with growing concerns for data privacy and security

91% Connectivity Demand Keeps Growing
Schools lack adequate bandwidth (1 Mbps) to meet demand growing at > 50% per year

57% Lack of Resources & Skills
K-12 technology leaders have flat budgets year over year

58% IT Managers are Budget Constrained
K-12 technology leaders cite inadequate staffing to integrate classroom technology

Sources: [1] Atlantic Computing Technology Corporation, [2] Center for Digital Education, [3] Common Sense Media, [4] Consortium for School Networking, [5] EducationSuperHighway, [6] Education Week, [7] Future Ready Schools, [8] Geektime, [9] Harris Poll on behalf of Pearson, [10] Method Public Schools, [11] Project Tomorrow, Speak Up, [12] Summit of the Federation of American Scientists, [13] The eLearning Industry's Network, [14] THE Journal

*Open Educational Resources