Summer Bootcamp

GET READY FOR SUMMER SERIES

Summer Bootcamp: Get Ready for Summer Series

Day 1, Monday, March 1
sponsored by

SCHOLASTIC

co-presented by

Afterschool Alliance

PBS KIDS

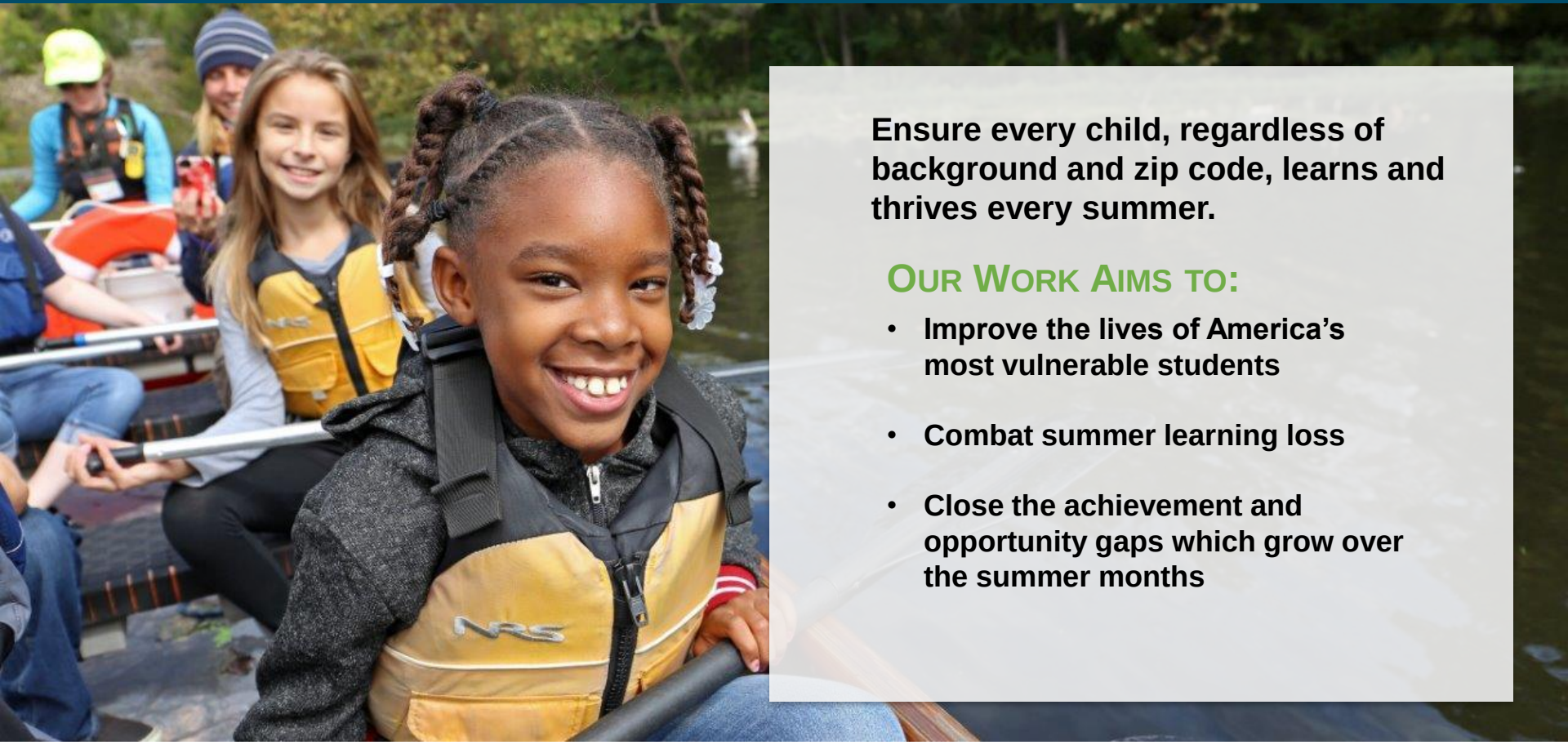
Supercharging Academics and Enrichment in the Summertime

About NSLA

NSLA is a national, non-profit organization focused on the powerful impact of one achievable goal: investing in summer learning to help close the achievement gap. NSLA uses the power of research, advocacy, training, and policy to transform America's neighborhoods and communities, one child at a time.

Our work is based on the simple idea that summer—a time that is easily overlooked yet critical to educational development—is bursting with possibility, and instrumental in closing the achievement gap between privileged children and our most vulnerable children.

NSLA's Mission and Vision



Ensure every child, regardless of background and zip code, learns and thrives every summer.

Our Work Aims to:

- **Improve the lives of America's most vulnerable students**
- **Combat summer learning loss**
- **Close the achievement and opportunity gaps which grow over the summer months**

Summer: A Unique and Underleveraged Time

Time for Improvement

Provide students and staff opportunity to catch up, keep up and develop new skills.

Time for Innovation

Empower staff to test and try out and measure new ideas, solutions, strategies before scaling

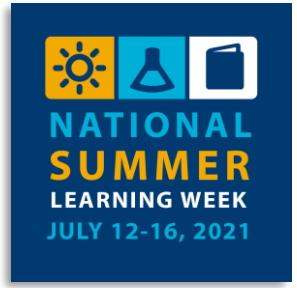
Time for Integration

Break down silos in education and partner leaders and organizations in rare, new ways

Time for Impact

Learning from hands-on summer programs is immediate, measurable and lasting

NSLA Signature Events

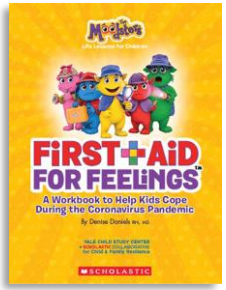


National Summer Learning Week
July 12-16, 2021

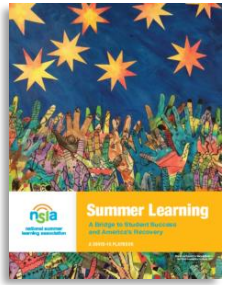
Summer Changes Everything National Conference
November 7-10, 2021

Resources to Check Out

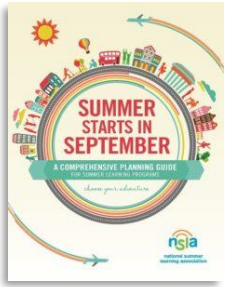
A Summer Like No Other: Lessons from the Field During COVID-19



Yale Child Study Center + Scholastic Collaborative for Child & Family Resilience



Summer Learning: A Bridge to Student Success and America's Recovery, a COVID-19 PLAYBOOK



Summer Starts in September Planning Guide

Wallace Summer Planning Toolkit

Professional Learning Communities

- Regularly convene and train youth development staff from like-minded groups across the U.S.
- Planned, led and facilitated by NSLA program staff and a skilled NSLA expert Field Consultant.
- Quarterly training meetings and one in-person, all day retreat at NSLA's Annual Conference.

Topic Areas

- ✓ **STEM & Health Careers**
- ✓ **Sports & Health**
- ✓ **Public Housing-Based**
- ✓ **New Vision for Summer School**
- ✓ **Literacy & Libraries**
- ✓ **Arts Education**
- ✓ **College Access & Summer Melt**
- ✓ **Youth Employment & Internships**
- ✓ **Special Populations**
- ✓ **Environmental & Nature**

Consulting Services and Training Support

Program Planning

- Data-driven Planning
- Leading from the Point of Service
- Summer Starts in September (SSiS)
- Results-based Accountability (RBA)

Program Management

- Advancing Youth Development (AYD) for Supervisors
- Leading for Quality
- The Role of the Coach in the Quality Movement
- Making Meaning with Multiple Data Sets (M3)

Positive Youth Development

- Advancing Youth Development One-day Overview
- AYD 30-hour Training
- Combating Adultism

Systems Building

- Summer Landscape Assessment
- Community Indicators of Effective Summer Learning Systems (CIESLS) Self-Assessment
- Community Report
- Strategic Planning

SCHOLASTIC EDUCATION

Partnering to Accelerate Summer Learning

Partner with Scholastic to build your Comprehensive Summer Solution…

@ScholasticEd scholastic.com/summerlearning 1-866-757-5163

All Students

My BOOKS Summer

SCHOLASTIC Literacy Pro™

Additional Support

LitCamp

SCHOLASTIC SCHOLAR ZONE Powered by BellXcel

Targeted Growth

RISE READING INSPIRES STUDENTS TO EXCEL

EDGE

McKinsey & Company

COVID-19 and student learning

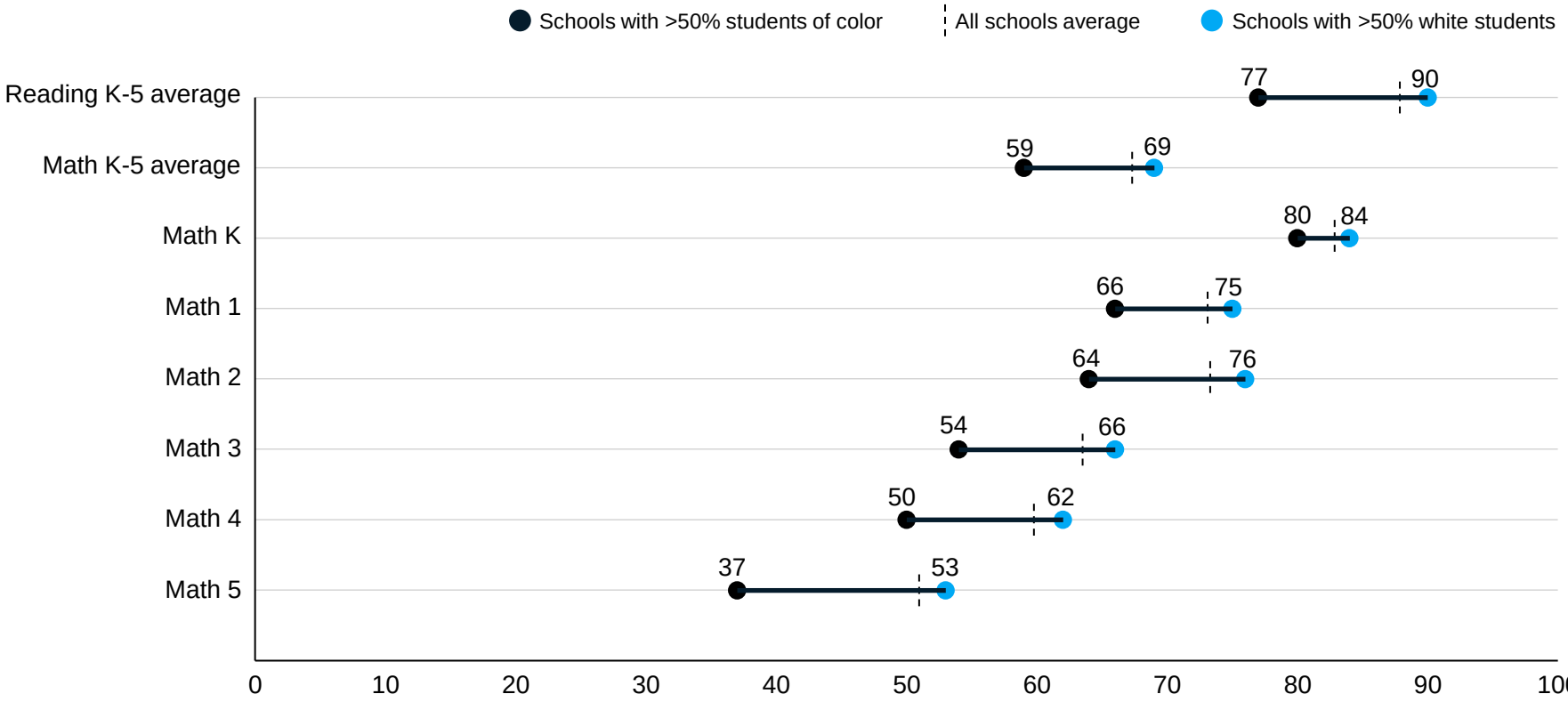
The disparities are real, and students need help

January, 2021

What is the impact of the pandemic on student learning to date?

Tangible learning loss has already occurred

Amount students learned in the 2019-2020 school year, % of historical scores



Source: Curriculum Associates fall assessment data

Students didn't just learn less reading and math due to school shutdowns, they also experienced broader losses

Broader curriculum
- Science
- History

Broader skills and capabilities
- Motor skills
- Socio-emotional learning

Mental health
- Trauma
- Anxiety and depression

Physical health
- Obesity
- Physical fitness

Students "regressed" and were "unable to hold a pencil, when they could do so before"

Anxiety and depression increased with lengthy school closures

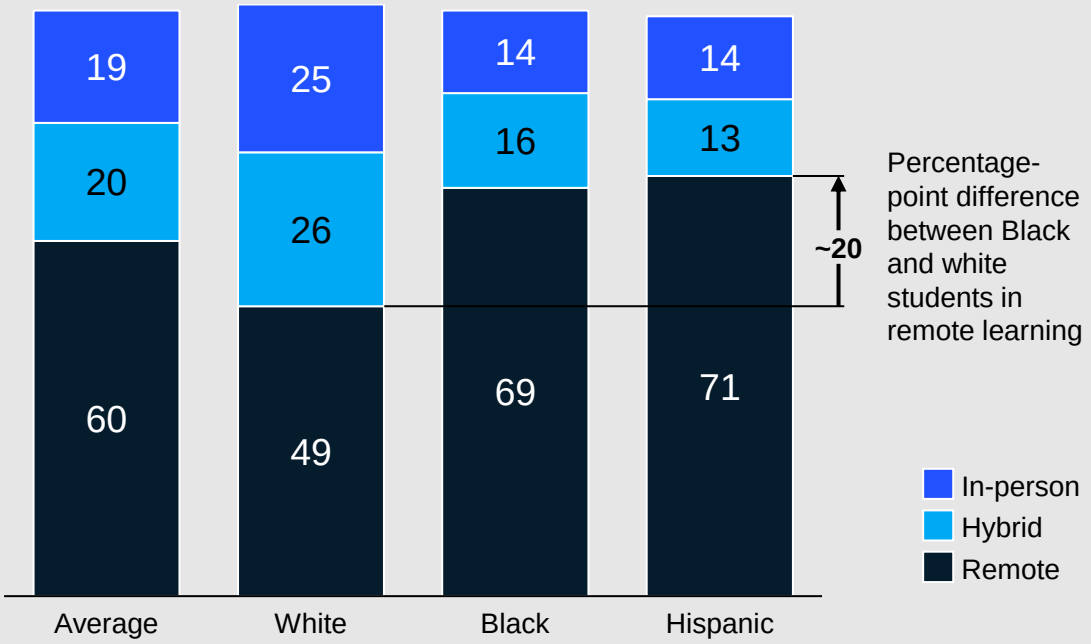
Some pupils "gained weight over the lockdown"

SOURCE: Curriculum Associates fall assessment data; Ofsted report November 2020; Jama Pediatrics Mental Health Status among children in home confinement (April 2020)

Why is learning loss so unequal?

Black and Hispanic students are more likely to be learning remotely

Students receiving each type of instruction (estimate), %

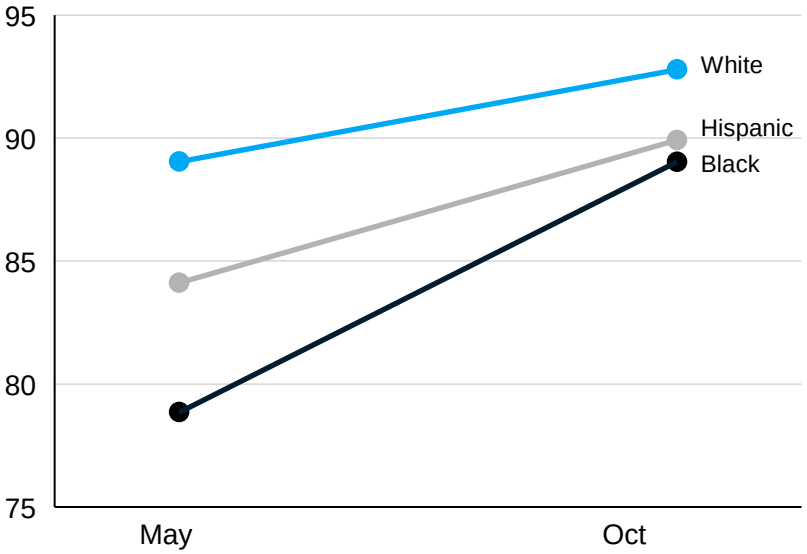


Source: EdWeek, EdSurge, CPRE, NCES US Public school data

Gaps in access have narrowed since the spring, but still remain

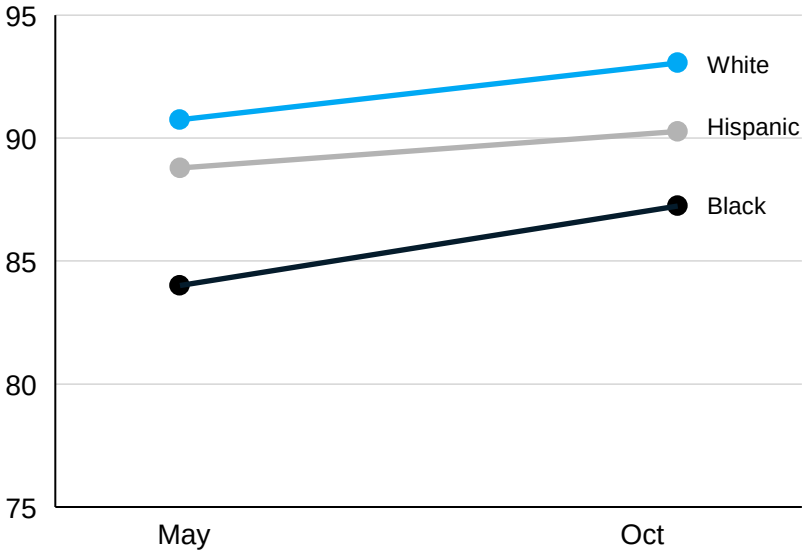
Access to devices for learning

Percentage of students who always or usually have access (May 2020 to Oct 2020[1])



Access to the internet

Percentage of students who always or usually have access (May 2020 to Oct 2020[1])

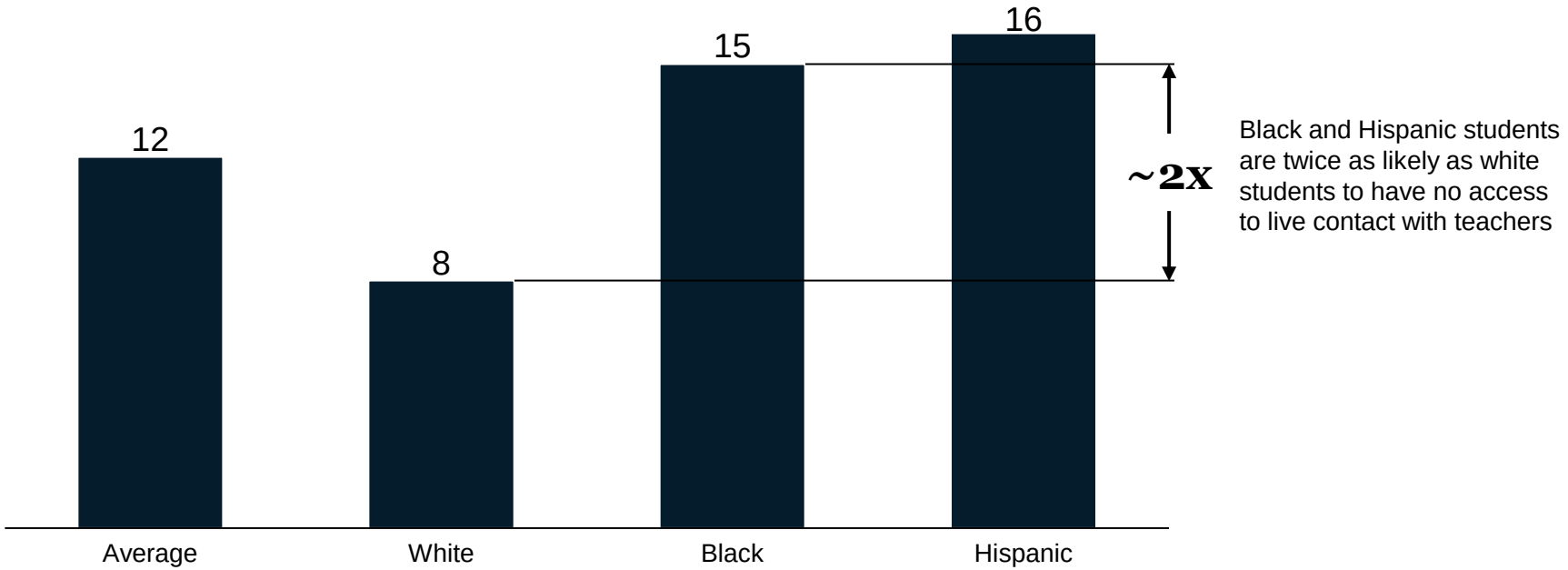


1. May: Average of April 23 through May 26, 2020. Oct: Average of Sept 30-Oct 26th

Source: U.S. Census Household Pulse Survey, Computer and Internet Availability in Households with Children in Public or Private School, by Select Characteristics

Black and Hispanic students are twice as likely as white students to have no access to live contact with teachers

Students who have no live interaction with teachers this fall (in person, by phone, or by video), %



Black and Hispanic students are twice as likely as white students to have no access to live contact with teachers

Source: U.S. Census Household Pulse Survey, Days Spent in Live Contact with Teachers, in the Last 7 Days, Relative to Before the Coronavirus Pandemic, October 2020

What does this look like going forward?

Different scenarios significantly impact the scale of learning loss

Estimated loss in mathematics learning from March 2020 to June 2021

No Progress: Learning loss as in spring

● 1 school-day lost

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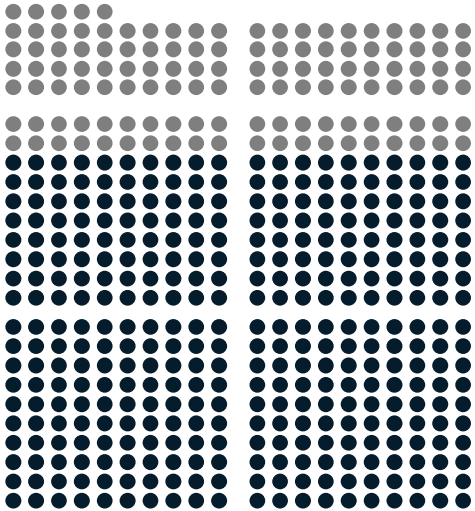
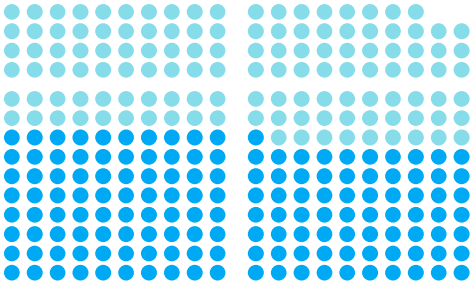
12-16 months



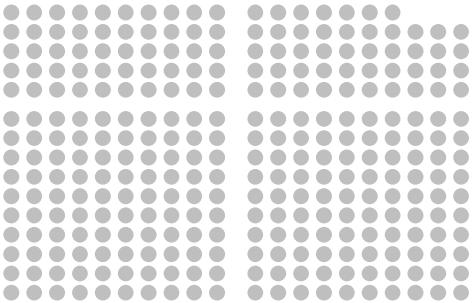
Students of color

5-9 months



White students

10 months



Average overall

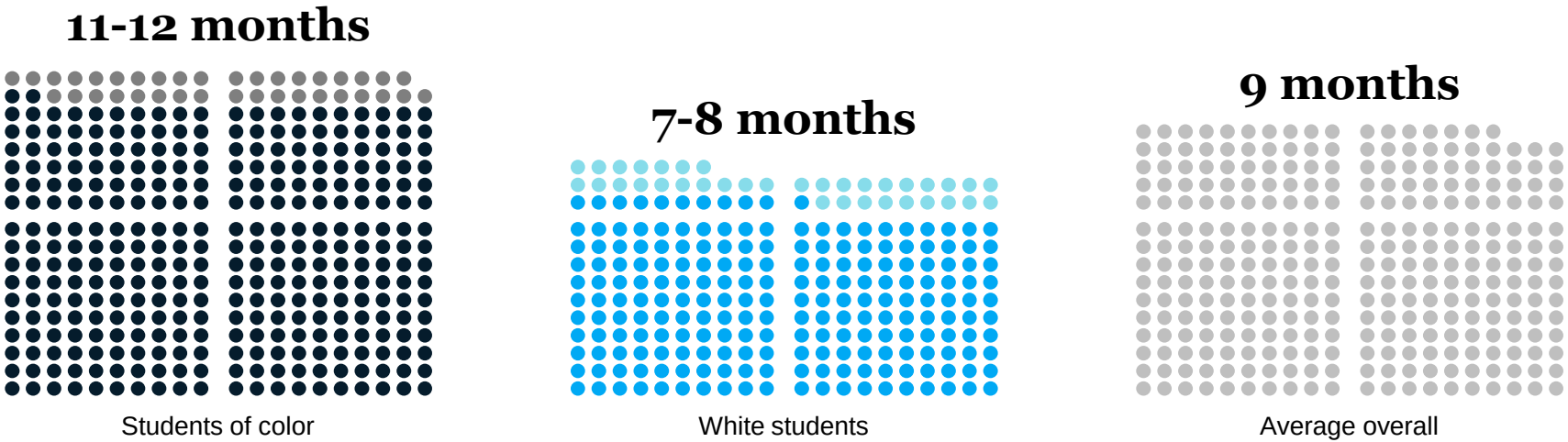
Source: Curriculum Associates i-Ready Assessment data; Public U.S. district reopening analysis, by select characteristics; U.S. Census data, October 2020; Megan Kuhfeld, Dennis Condron, and Doug Downey, When does inequality grow?, 2019; Center for Research on Education Outcomes, Online Charter Schools Study, 2015

Different scenarios significantly impact the scale of learning loss

Estimated loss in mathematics learning from March 2020 to June 2021

Status Quo: Existing modalities with mix of remote quality

● 1 school-day lost



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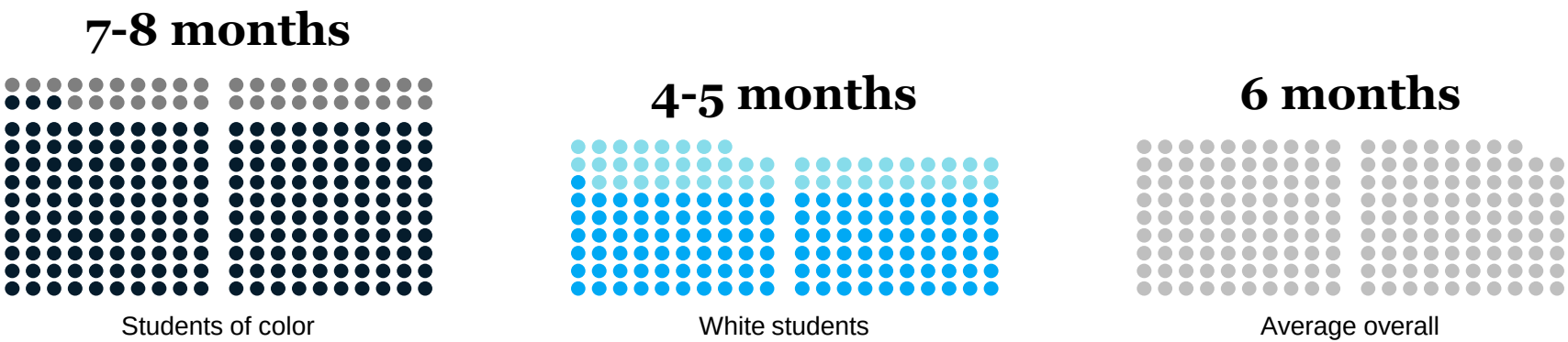
Different scenarios significantly impact the scale of learning loss

Estimated loss in mathematics learning from March 2020 to June 2021

Better remote: Investment to improve remote and hybrid

● 1 school-day lost



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Different scenarios significantly impact the scale of learning loss

Estimated loss in mathematics learning from March 2020 to June 2021

Back to school: Status quo until Jan; typical growth thereafter

● 1 school-day lost

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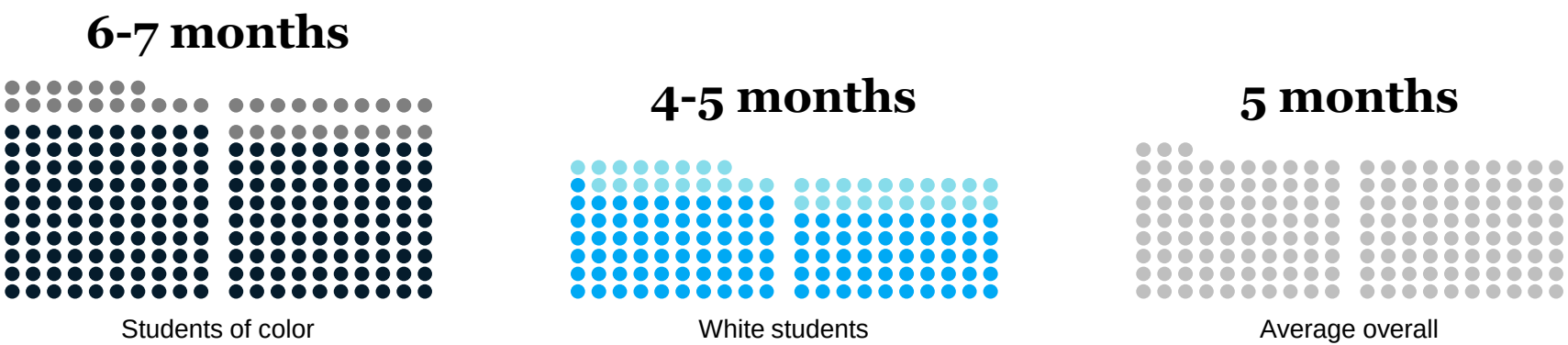

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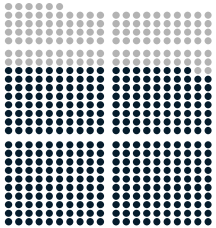
Different scenarios significantly impact the scale of learning loss

Estimated loss in mathematics learning from March 2020 to June 2021

No progress:

Learning loss as in spring

12-16 months



Students of color

5-9 months

White students

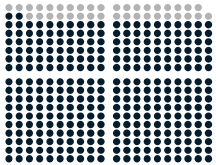
10 months

Average overall

Status quo:

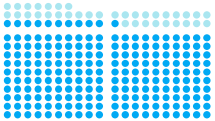
Existing modalities with mix of remote quality

11-12 months



Students of color

7-8 months



White students

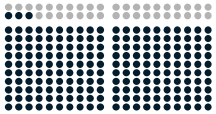
9 months

Average overall

Better remote:

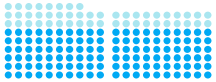
Investment to improve remote and hybrid

7-8 months



Students of color

4-5 months



White students

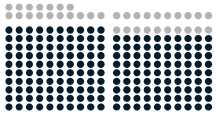
6 months

Average overall

Back to school:

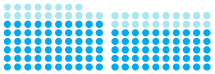
Status quo until Jan; typical growth thereafter

6-7 months



Students of color

4-5 months



White students

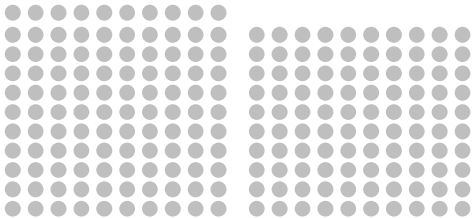
5 months

Average overall

Source: Curriculum Associates i-Ready Assessment data; Public U.S. district reopening analysis, by select characteristics; U.S. Census data, October 2020; Megan Kuhfeld, Dennis Condron, and Doug Downey, When does inequality grow?, 2019; Center for Research on Education Outcomes, Online Charter Schools Study, 2015

Lost learning has very real implications for the future of individual students, and our economy as a whole

~7 months learning loss



$61,000-$82,000

Lifetime earning loss for the average student

$173-271 billion

Annual loss in GDP by 2040
(0.8-1.3% loss)

Source: Using Hanushek and Woessman 2008 methodology to map national per capita growth associated with decrease in academic achievement, and using National Assessment of Education Progress relationship with the earnings.

Learning during COVID-19: Initial findings on students' reading and math achievement and growth

Megan Kuhfeld
NWEA
March 1st, 2021

nwea

Main Research Questions

1. How are students performing in fall 2020 relative to a typical fall test score performance?

2. How has academic growth changed since schools physically closed in March 2020?

nwea

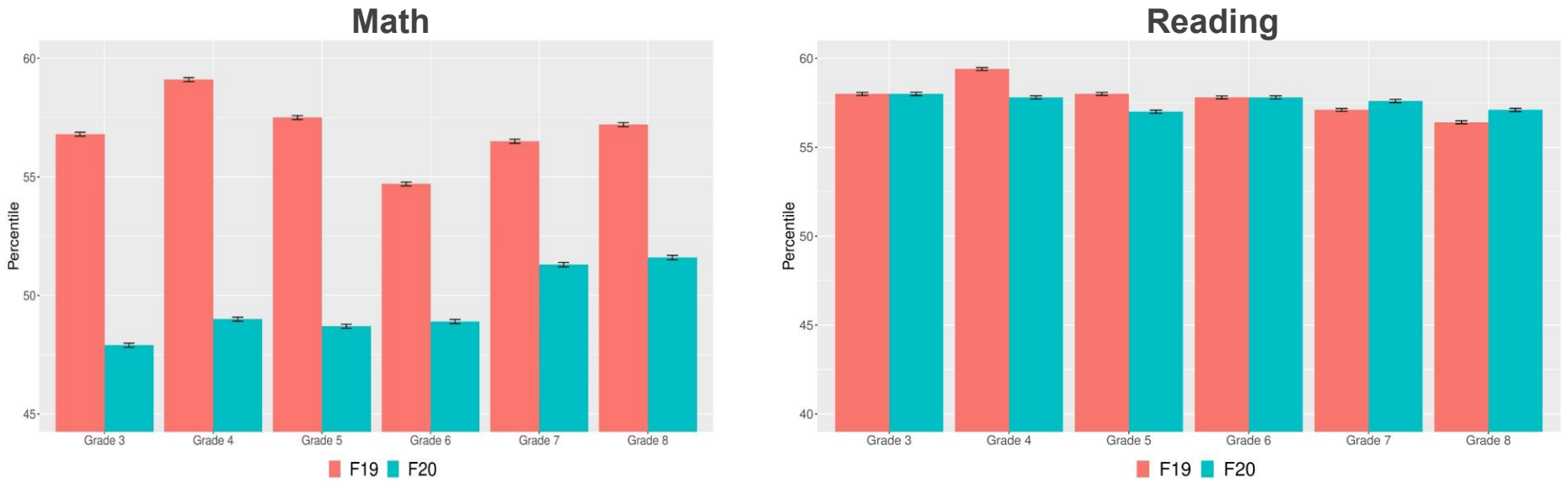
MAP Growth assessments

- In this study, we are using test scores from the NWEA MAP Growth assessments for about 4.4 million US students
  - Computer-based interim assessments typically administered in fall, winter, and spring
  - Administered in grades K-8 in public and private schools across the country
  - Aligned to state math and reading content standards

- Schools had the option to test remotely or in-person in fall 2020

RQ1: How are students performing this fall relative to a typical school year?

Compared to fall 2019, student achievement this fall was, on average, 5 to 10 percentile points lower in math, but similar in reading

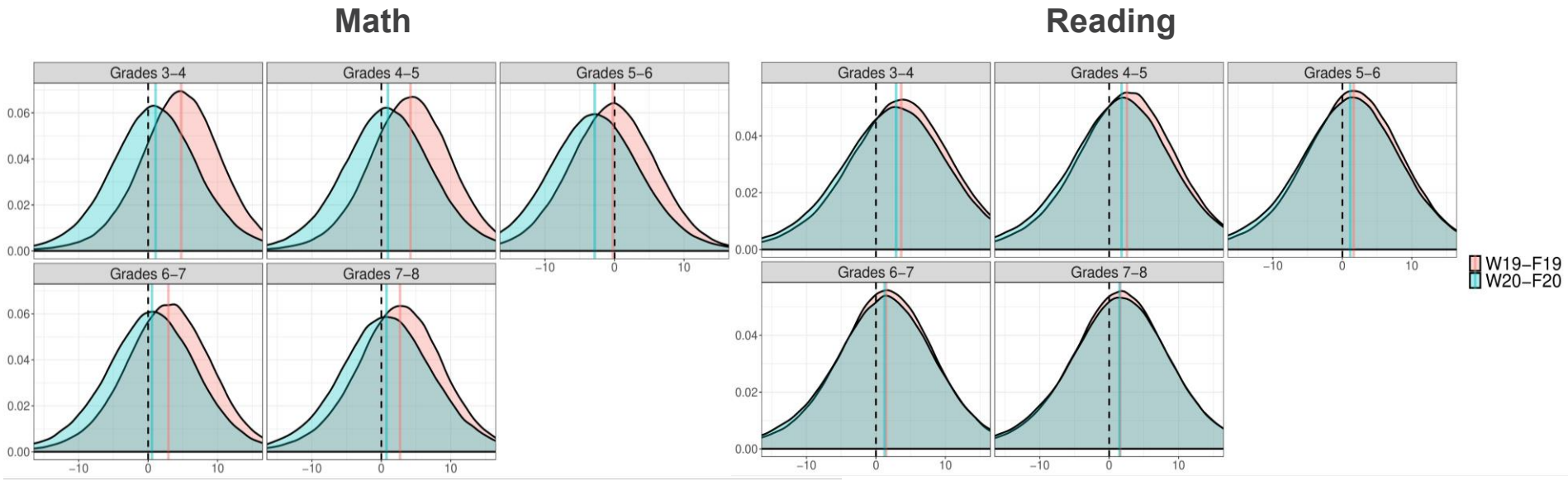


MAP Growth achievement percentiles by grade level in Fall 2019 and Fall 2020

nwea

RQ2: How has student growth changed since schools physically closed in March 2020?

The majority of students showed growth in both reading and math achievement since the onset of COVID disruptions, but growth patterns in math are lower than a typical year



Distribution of within-student change from Winter 2019-Fall 2019 vs Winter 2020-Fall 2020

nwea

Close to a third of grade 3-8 students have moved down a quintile or more in math since winter 2020 (approximately double the amount in a normal year)

Winter 2020 Quintile	Fall 2020 Quintile 1-20	21-40	41-60	61-80	81-99	Total
1-20	11.8%	2.7%	0.4%	0.1%	0.1%	**15.2%**
21-40	4.9%	8.3%	3.4%	0.5%	0.1%	**17.1%**
41-60	1.4%	6.9%	9.7%	3.5%	0.4%	**21.9%**
61-80	0.2%	2.1%	8.4%	11.7%	3.0%	**25.3%**
81-99	0.0%	0.1%	1.1%	6.3%	12.8%	**20.5%**
TOTAL	**18.4%**	**20.1%**	**23.0%**	**22.2%**	**16.4%**	**100.0%**

14.2%	Gainers
54.4%	Maintainers
31.5%	Sliders
100.0%	TOTAL

Note: Gainers moved up an achievement quintile (or more), Maintainers stayed in the same quintile, and Sliders moved down a quintile (or more)

Research Recommendations & Considerations

- We need continued federal and state funding to school districts impacted by the pandemic.
- Districts should be thinking now about summer programming, vacation academies, or scaling up high-dosage tutoring programs.
- Non-academic losses, while harder to quantify, are equally important to build supports around.

Youth Voice Spotlight: Afterschool Alliance

https://youtu.be/SLfefhecZSc

Summer Learning with Apple Resources

Kurt Klynen
Apple Distinguished Educator
Class of 2006


Ordinal Number Parade

Learn

Everyone Can Code

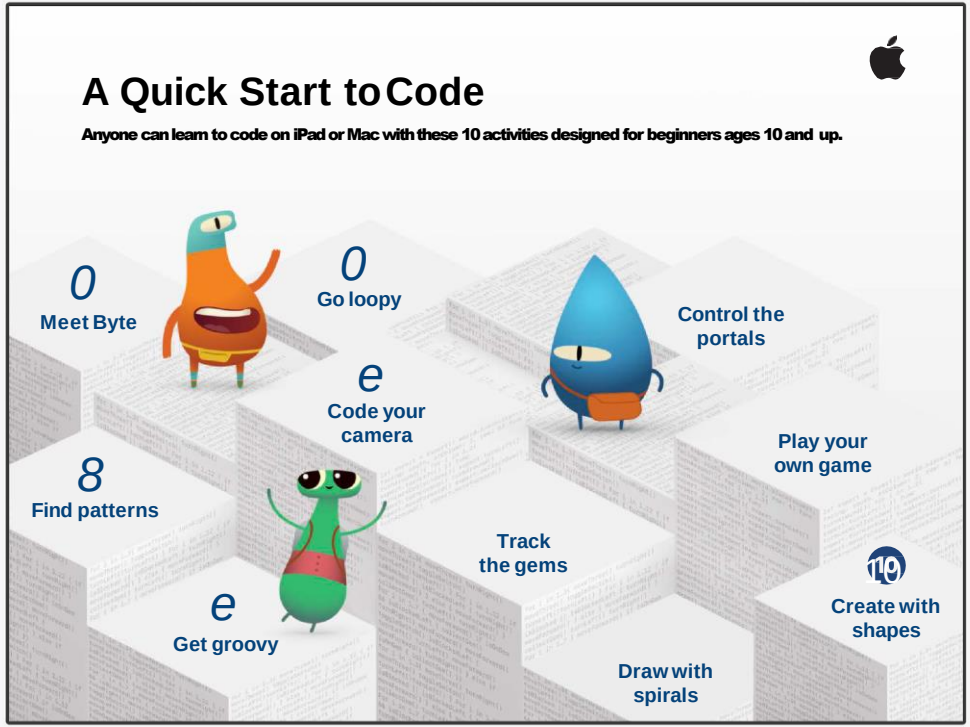
https://www.apple.com/education/docs/swift-club-playgrounds.pdf

http://apple.co/developinswiftappdesignjournal

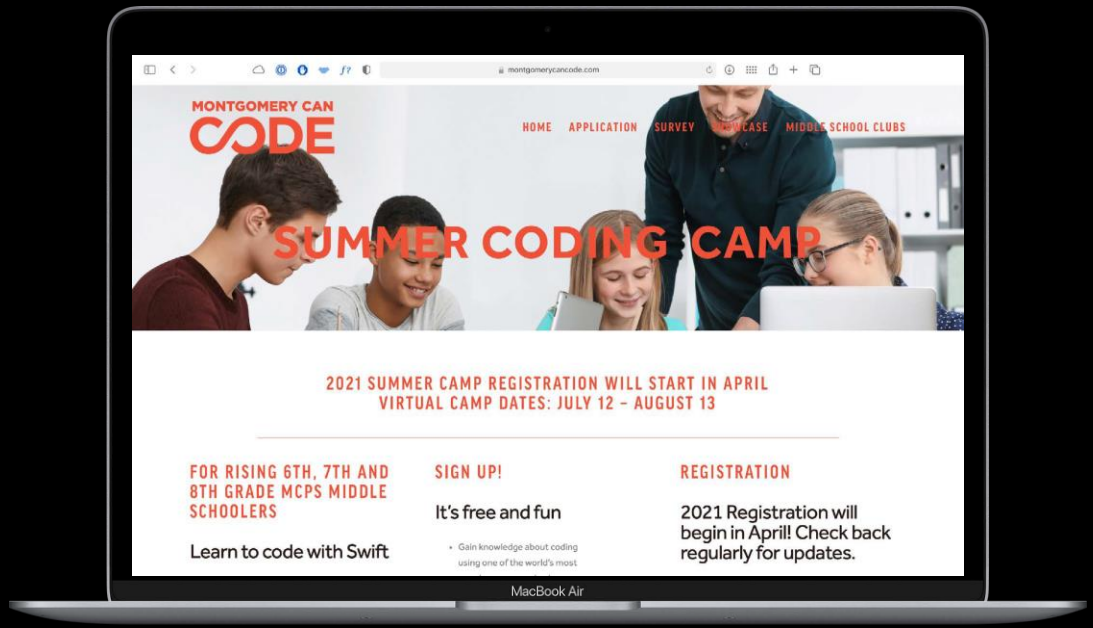
https://www.apple.com/education/docs/app-showcase-guide.pdf

A Quick Start to Code

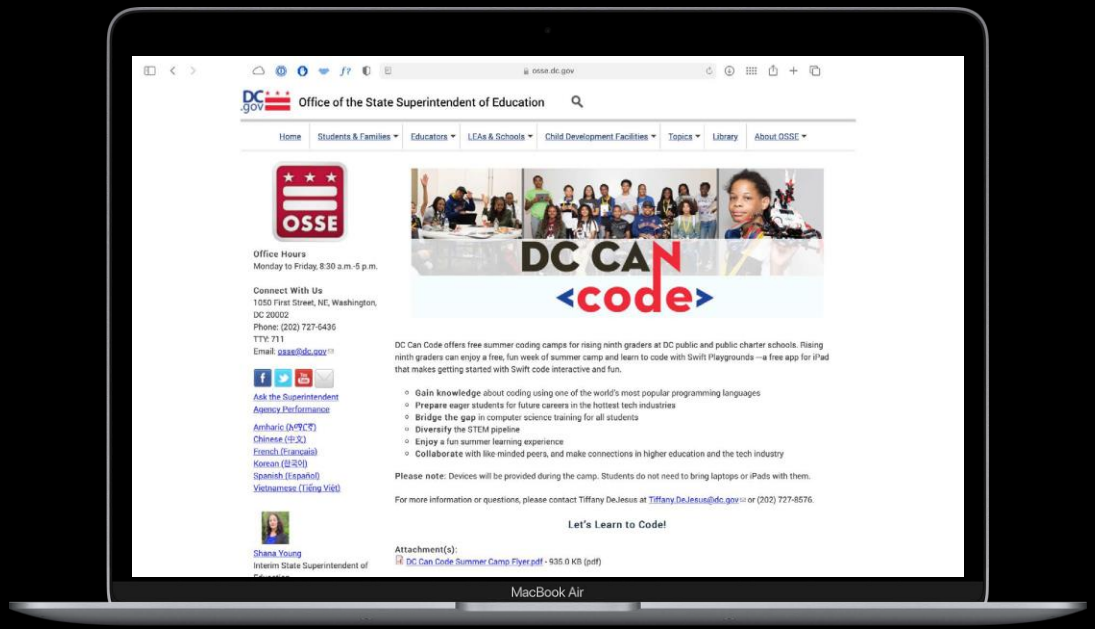
Anyone can learn to code on iPad or Mac with these 10 activities designed for beginners ages 10 and up.



https://education-static.apple.com/teaching-code/quick-start-to-code.pdf



https://www.montgomerycancode.com/



https://osse.dc.gov/page/cte-coding-camp

Learn

Everyone Can Create

30 Creative Activities for Kids

1 Personify something	2 Capture a time-lapse video	3 Make coloring sheets	4 Pictur e your name	5 Goon a photo walk
6 Seecolor in slo-mo	7 Emojify your mood	8 Storyboard your daily routine	9 Calendar together	10 Find shapes in nature
11 Make a simple book	12 Tella story with shapes	13 Record news interviews	14 Create a comic strip	15 Getyour questions answered
16 Goback	17 Write a love	18 Make skip	19 Make patterns	20 Goon a

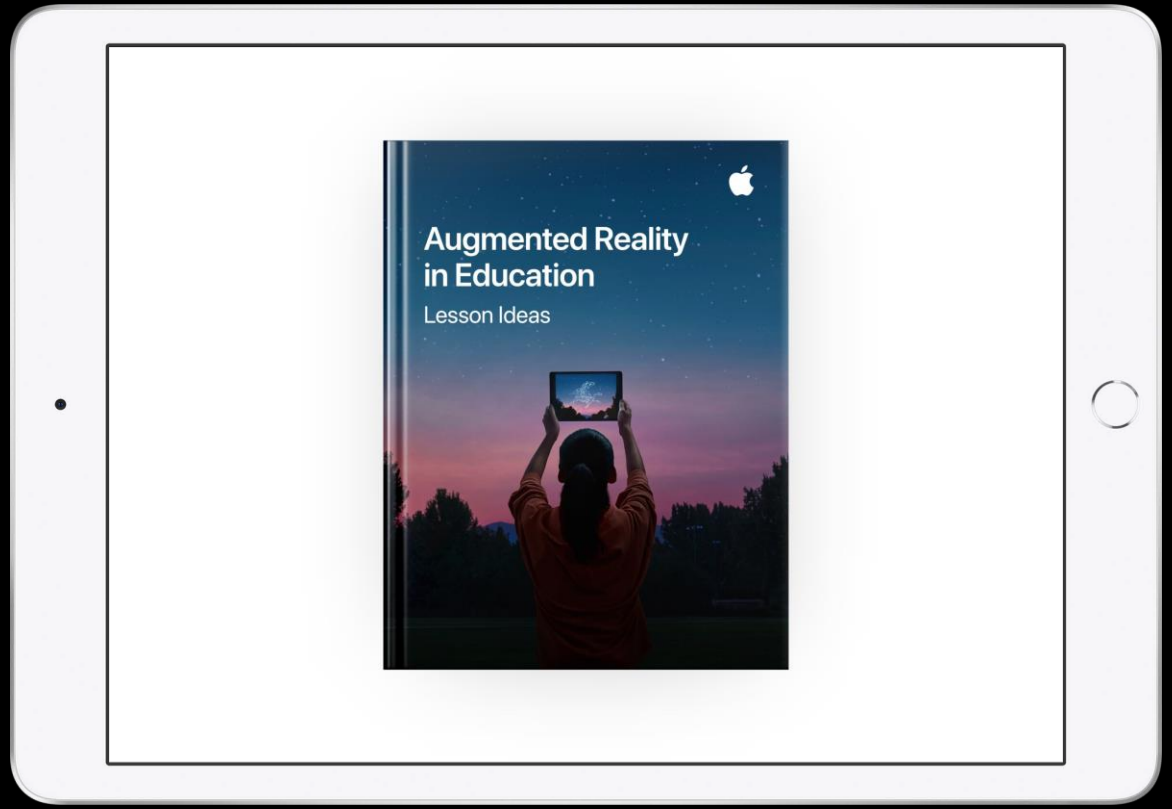
https://education-static.apple.com/creativity-for-kids/activities.pdf

30 Creative Activities for Kids

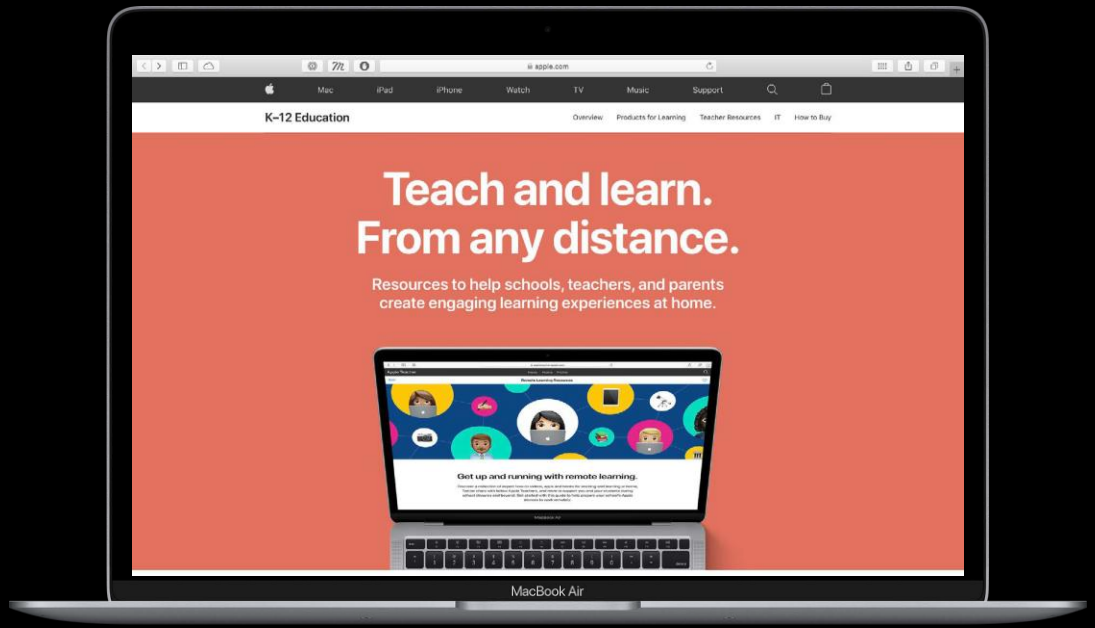
https://apple.co/morecreativityforkids

Learn

Augmented Reality



https://apple.co/ARLessons



https://www.apple.com/education/k12/learning-from-home/

Summer Bootcamp: Get Ready for Summer Series

Day 2, Tuesday, March 2

co-presented by

Early Childhood National Centers

National Center on Afterschool and Summer Enrichment

american camp association

Alliance for a Healthier Generation

Powering Healthy Minds and Bodies

Thank you!

summerlearning.org

national summer learning association