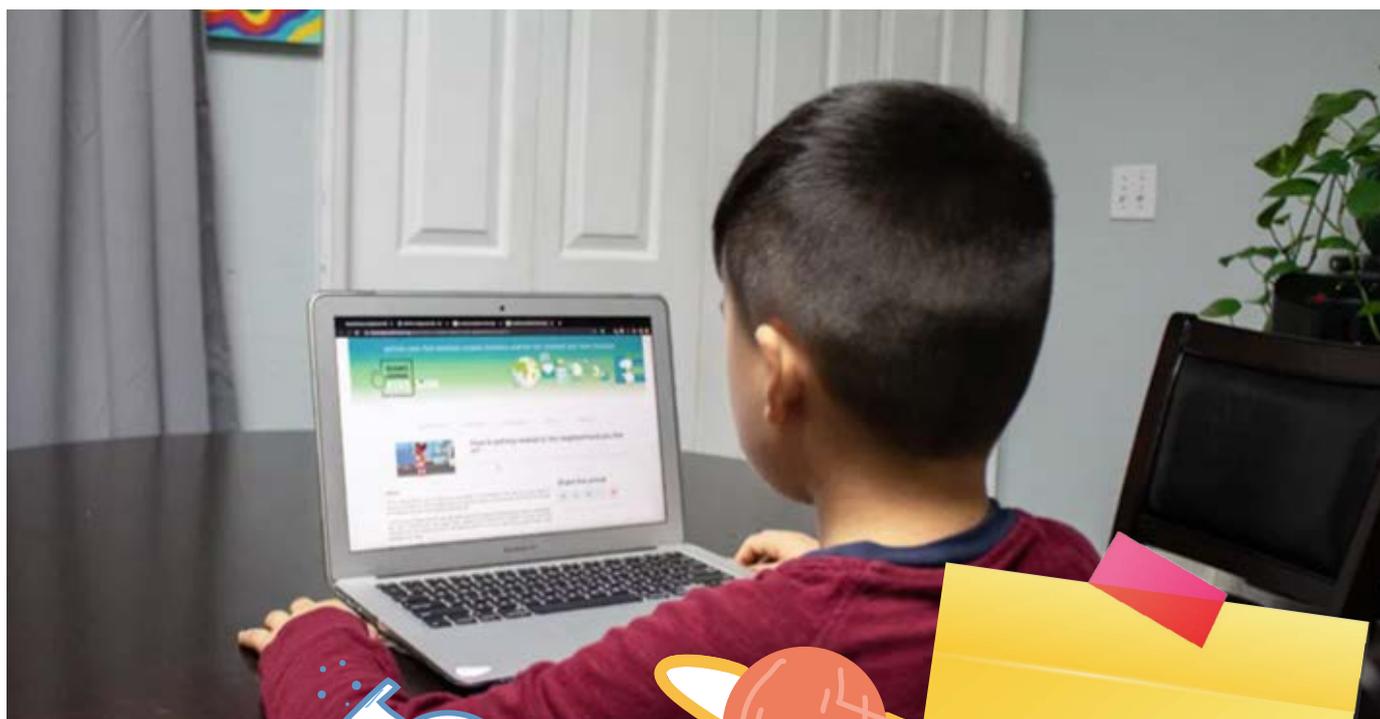


2020

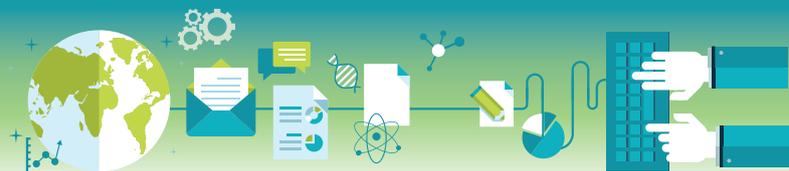
Annual Impact Report



A little boy reading
Science Journal for Kids online.
Photo credit: The Daily
Californian/Brianna Luna

A Year Unlike Any Other

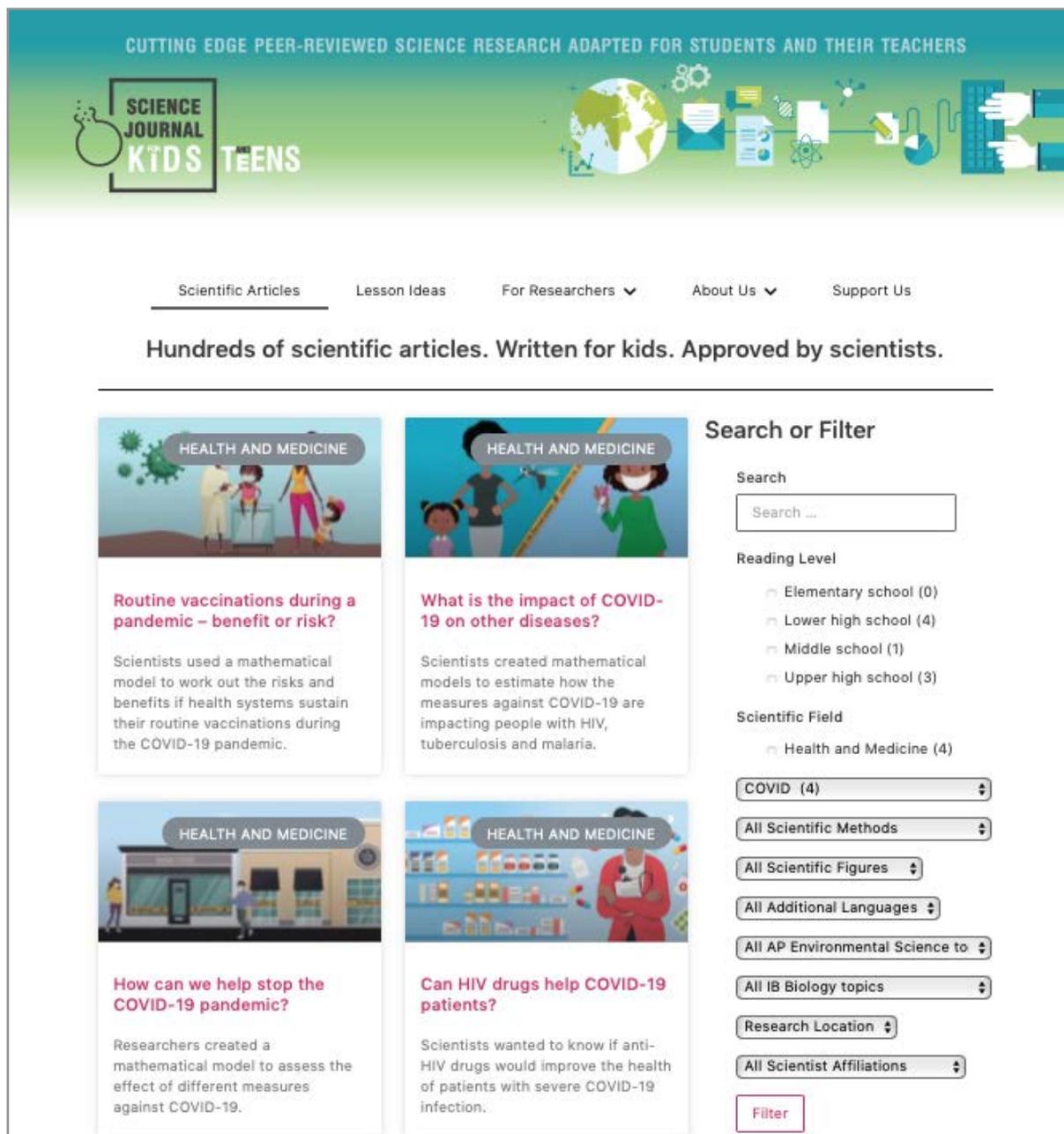
The year 2020 was challenging in unique ways for everyone in the world. Most teachers in our audience had to teach their classes online. The researchers whose papers we adapted were swamped in the global scientific effort to understand the pandemic, its causes, consequences, and solutions. Most of our team members had to balance work with childcare at home. More than challenging, it was a genuinely difficult year.



Content

This year we have all the more reason to be proud of what we have accomplished:

- 💡 We published 28 adapted papers – just 3 fewer than in 2019, despite all the current difficulties. Four of these papers were about **COVID**, the first of them published as early as April 2020. Providing high-quality scientific information in a timely manner has never been as important.



CUTTING EDGE PEER-REVIEWED SCIENCE RESEARCH ADAPTED FOR STUDENTS AND THEIR TEACHERS

SCIENCE JOURNAL FOR KIDS TEENS

Scientific Articles Lesson Ideas For Researchers ▼ About Us ▼ Support Us

Hundreds of scientific articles. Written for kids. Approved by scientists.

HEALTH AND MEDICINE

Routine vaccinations during a pandemic – benefit or risk?

Scientists used a mathematical model to work out the risks and benefits if health systems sustain their routine vaccinations during the COVID-19 pandemic.

HEALTH AND MEDICINE

What is the impact of COVID-19 on other diseases?

Scientists created mathematical models to estimate how the measures against COVID-19 are impacting people with HIV, tuberculosis and malaria.

HEALTH AND MEDICINE

How can we help stop the COVID-19 pandemic?

Researchers created a mathematical model to assess the effect of different measures against COVID-19.

HEALTH AND MEDICINE

Can HIV drugs help COVID-19 patients?

Scientists wanted to know if anti-HIV drugs would improve the health of patients with severe COVID-19 infection.

Search or Filter

Search

Reading Level

Elementary school (0)

Lower high school (4)

Middle school (1)

Upper high school (3)

Scientific Field

Health and Medicine (4)

COVID (4) ▾

All Scientific Methods ▾

All Scientific Figures ▾

All Additional Languages ▾

All AP Environmental Science to ▾

All IB Biology topics ▾

Research Location ▾

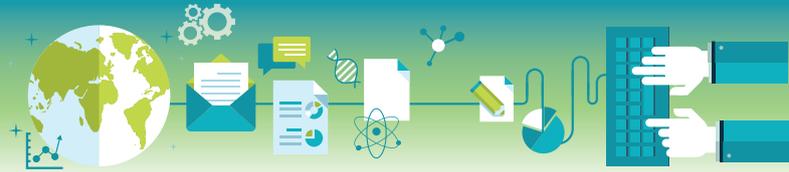
All Scientist Affiliations ▾

Filter

- 💡 We ventured into two new research fields:

- 💡 Astronomy with **this paper** about dust on exoplanets

- 💡 Chemistry with **this paper** about a plant synthesizing an antimalarial compound.



- 💡 Within the field of social science, responding to the zeitgeist, we adapted two important papers about racial inequalities in **housing** and in **education**.
- 💡 We launched a **lesson ideas blog** with suggestions about distance-learning and hands-on STEM lessons, inspirational interviews with young scientists, and other resources.

Lesson Ideas

Are you looking for fun ways to cover scientific topics in your classroom? Check out our science lesson plans for teachers.



How to use scientific articles in class?

A Teacher's Testimonial: Seda Dawson is a 7th-grade science teacher at Westchester Academy for International Studies, Houston, TX. She shares how and why she uses Science Journal for Kids' resources in her classroom.



Online Simulator to Teach Students about Natural Disasters

A distance learning online lesson about natural disasters such as floods, hurricanes, earthquakes, and wildfires. It's based on an educational online simulation game developed by the United Nations Office for Disaster Risk Reduction



Meet-a-scientist: Anne

Becoming a scientist – an interview with Anne Draelos – a postdoc at Duke University, who had fun with science since she was a kid!

- 💡 Finally, we handpicked and listed additional teaching resources for all of our published papers. These allow our readers to custom-make any lesson based on the topics we've covered

Other recommended resources

[Original academic paper](#)

[Herd immunity lesson plan by Science Journal for Kids](#)

[Herd immunity visualization by the College of Physicians of Philadelphia](#)

[Herd immunity simulator](#)

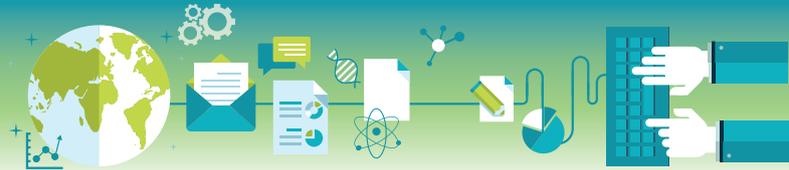
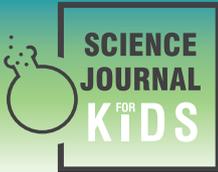
[Worksheet for the herd immunity simulator](#)

[Herd immunity lesson plan by the CDC \(2-3 hours for Middle school\)](#)

[Herd immunity lesson plan by American Association of Immunologists \(up to 12 hours, for high school\)](#)

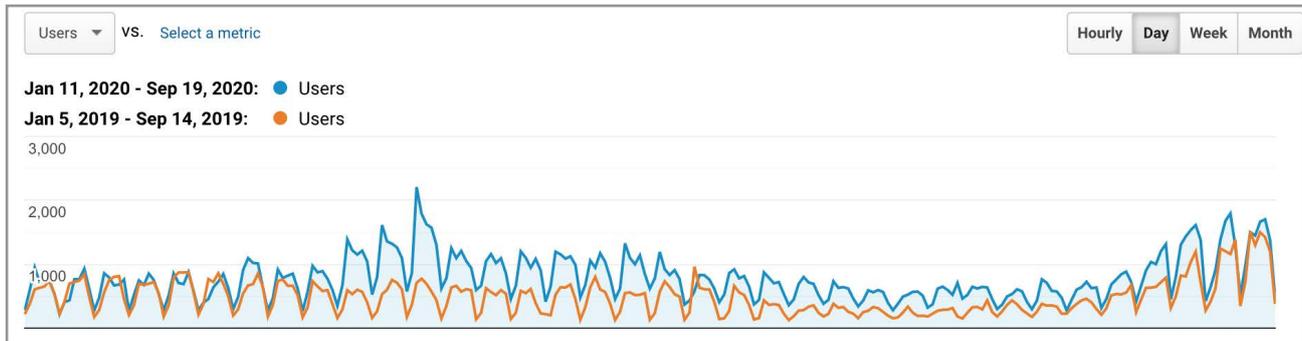
[Simulator of real data from thousands of US cities by University of Pittsburgh](#)

[Herd immunity visualization by The Guardian](#)

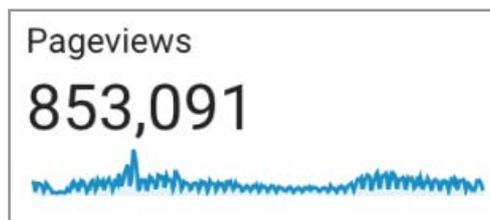


Audience

- Starting with the world-wide school closures, our audience grew by 50% compared to the previous 12 months.



- In the past 12 months, our site has had over 850,000 pageviews.



- Our papers were downloaded more than 160,000 times with **this COVID-related article** proving the most popular on our site with 7,000 downloads in just 7 months.
- We conducted a **teacher survey** at the end of the 2020 school year with strongly encouraging **results**. Some of the feedback truly inspired us.

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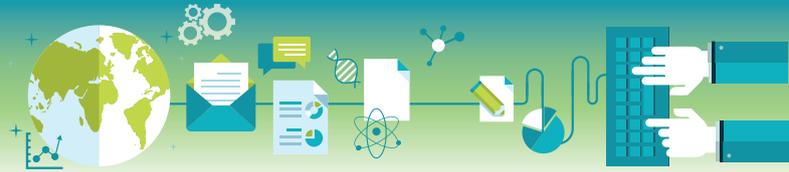
As a special education teacher accompanying students in the general education classroom, I see a very broad range of ability and interest levels. I love that the articles are generally written on a level that is accessible for my lower functioning students when partnered with a reader. The students seemed to find the articles interesting. They were a good length to hold their attention. Thank you for what you do. I am loving Science Journal for Kids.

High school Special Education teacher
GEORGIA, USA

“

Your website is great! It's loaded with content-rich reading and the assessment questions are a perfect accompaniment. I tied the readings into our curriculum as an enrichment assignment. Students read and discussed the text with partners, then we discussed the information as a class. Students completed the questions in small groups. They liked reading a science text that was current. I'd like more labs and more topics that support my curriculum.

6th-grade teacher
UTAH, USA



“

I absolutely loved the site. It was a huge help during the quarantine. The subject areas were clear cut but interesting, and the lessons were easy to grade and tailor to my classroom needs. The students and their parents were pleased with the lessons and activities.

5th-grade teacher
ILLINOIS, USA

“

Because these articles are current research, the students become actively engaged in the content. Upon reading, the students often ask questions, which require additional research. This questioning phase is my favorite part!

High school Earth science teacher
NEW JERSEY, USA

Fundraising

- 💡 This year was a milestone for us as a 501(c)3 non-profit organization. We received our first grant from the **Goggio Family foundation** in the amount of \$5,500. We are grateful and humbled by the trust they placed in us.

Goggio Family Foundation

- 💡 Heading into 2021, we have applied for 11 grants in various other foundations and we are anxiously awaiting the results.
- 💡 For #GivingTuesday2020, we organized our first fundraising campaign for our readers. We raised \$412 from 18 individual donors whose discretionary generosity means the world to us.

**In 2021, we will continue our mission
to make scientific discoveries
accessible and fun
for all students
around the world.**



Science Journal for Kids, Inc.
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USA

www.ScienceJournalForKids.org