

The Roles of

PRINTING AND SUSTAINABILITY

in Education



JOE CONTRERAS

Commercial Marketing
Office Solutions



MATT KOCHANOWSKI

Product Manager
Business Printing

Education pain points in a hybrid-learning world

1



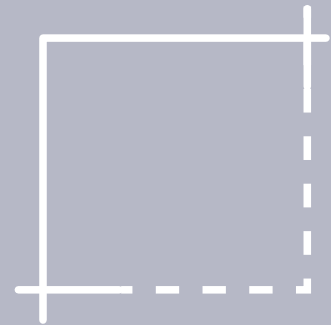
Limited
budget

2



Long wait
times for printing

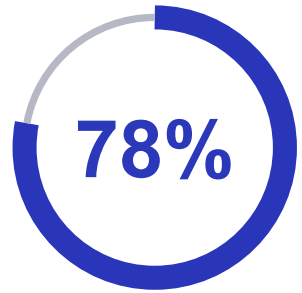
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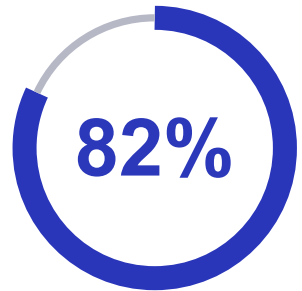
One size
doesn't fit all

Color printing improves

productivity,
communication,
and retention



increment in
learning and
retention



increased
attention span
and **recall**¹



Varied learning needs mean varied materials

- **Print can be best for data retention** and comprehension of longer reads.²
- Though **digital works well for research**, it can lead to skimming, distractions, and fragmented learning.³



How Business Inkjet printers help educators



All the prints you need, no warm-up time required

Our WF-C21000 color MFP prints at 100 ISO ppm, which makes it the fastest in its class. For at-home learners, we've designed the more compact ST-4000.

Affordable, high-value color printing

Epson's WF-C879R, an affordable A3 MFP, offers the lowest-cost color printing in its class.

A single printer for all types of materials

No need to outsource your printing needs. Print a wide variety of media in-house on Epson printers, from card stock to envelopes.



23%

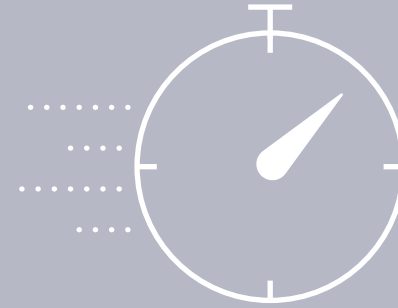
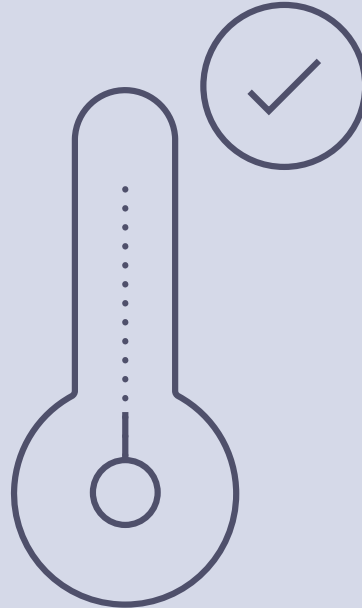
of IT help desk calls are **printer related**⁴



At Epson we're changing that.

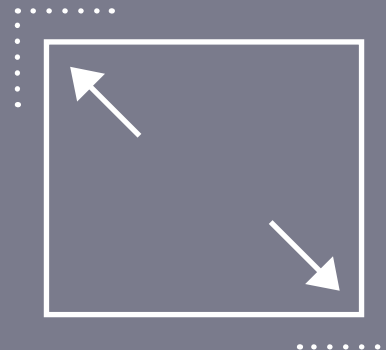
Designed for ease of use and reliability

LESS MAINTENANCE AND FEWER INTERVENTIONS⁵
with PrecisionCore Heat-Free Technology™



Less time spent replacing ink with **HIGH-YIELD INK SYSTEMS**

WORK FASTER
with larger screens on WorkForce Enterprise



EASILY
install and remove ink bottles with Supertank



375 Million

empty ink and toner
cartridges are **thrown
out every year.**

The average American
office worker prints
10,000 pages per year.⁶

**Half ends up
in the trash.**





PRINTING AND SUSTAINABILITY

CAN CO-EXIST



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Epson's commitment to sustainability

Sustainability is part of our company DNA and is embedded into our culture.



Sho Sho Sei

'Compact, precise and energy saving.'

Monozukuri

'The art and science of making things,'
using Japanese lean production techniques.

**In all our efforts,
we create products
aligned with these
two principles.**

Epson history of environmental excellence



1993

Completed elimination of specific CFCs

Best-of-the-Best Stratospheric Ozone Protection award from U.S. EPA

1997



2008

Announced "Environmental Vision 2050"



Developed Dry Fiber Technology

2015



2020

Issued green bonds



Announced all Epson sites to use 100% renewable energy by 2023

2021



ENERGY CONSUMPTION

is key in education



23%

of electricity usage for K-12 buildings is from office equipment and computers.

\$8 Billion

Spent on energy in K-12 school districts every year.

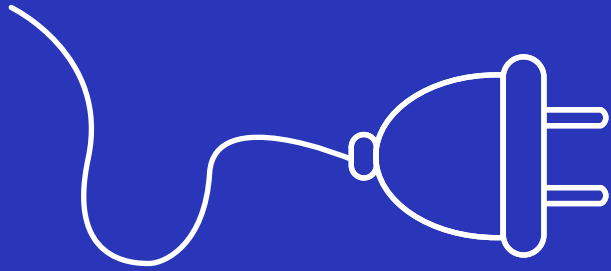




It's one of the rare expenses that can
be decreased

**without a negative
impact on students.**

Epson sustainability efforts



Reducing electric consumption

Our inkjet printers have been designed to use **50% less energy** compared to laser printers.



Reducing waste

Epson inkjets help **naturally reduce waste**, simply because they have fewer moving parts and fewer consumables.



Reducing paper usage

Our Business Inkjet printers have **double-sided printing** and **optimize document workflow**.



Traditionally you had a choice. You could have a low-cost inkjet with a high operational cost, or a high-cost laser with a low cost to operate.

But now you can have both in one machine, and that's breaking the rules, disrupting the market and changing the game entirely.

Brendan Primus
Green Office Solutions

Shaping the future with Heat-Free Technology™



THANK YOU

Keep an eye out for our post-webinar survey!

Sources:

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2. <https://www.sciencealert.com/do-students-learn-better-from-screens-or-print-textbooks-science-education>
3. Singer, Lauren M. Reading Across Mediums: Effects of Reading Digital and Print Texts on Comprehension and Calibration, The Journal of Experimental Education, V. 85, 2017 – Issue 1, pg. 155-172
4. <https://lasersresource.com/blogs/blog/office-printing-statistics>
5. IDC Report 2017
6. https://www.epa.gov/sites/production/files/2013-09/documents/fec_automatic_duplexing.pdf

EPSON