Breaking down the classroom walls: Engaging student teams across time and space





Breaking down the classroom walls: Engaging student teams across time and space



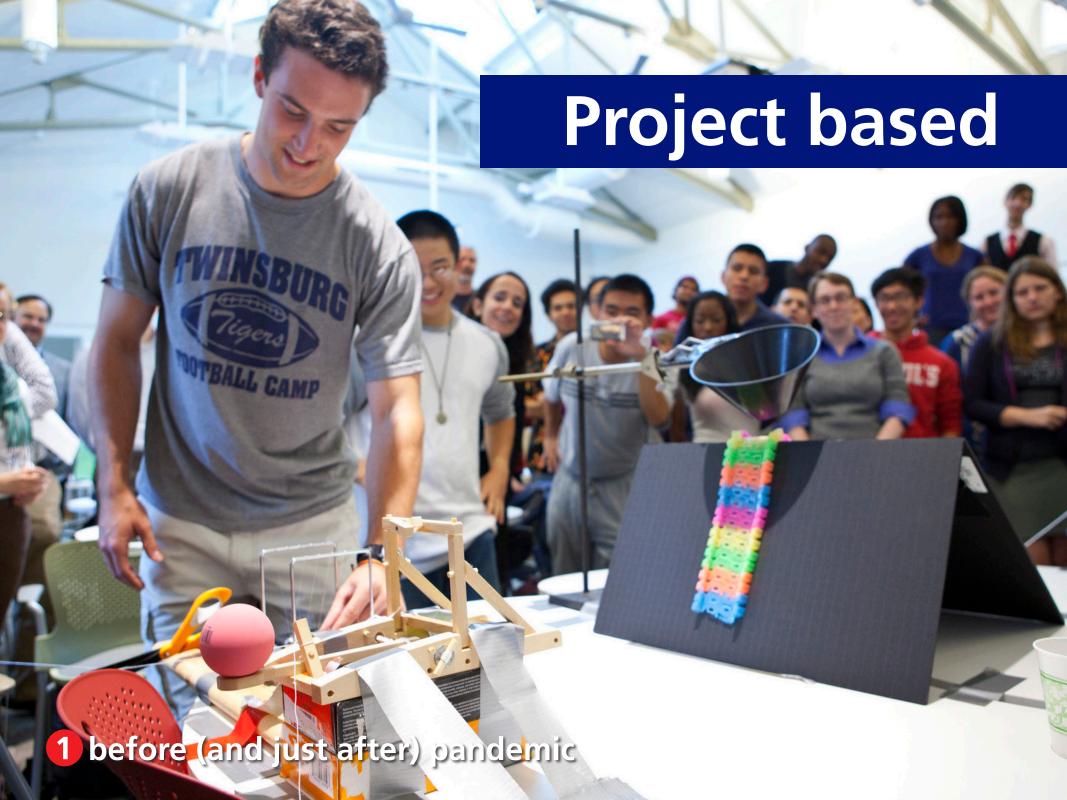










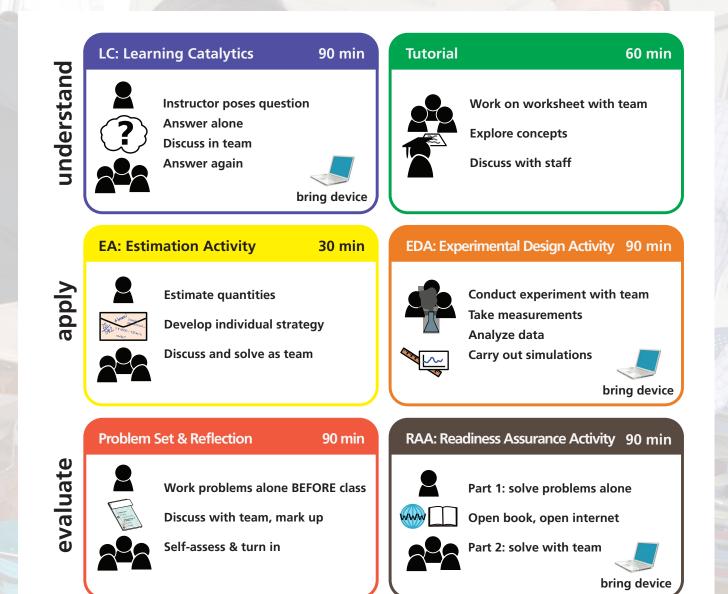






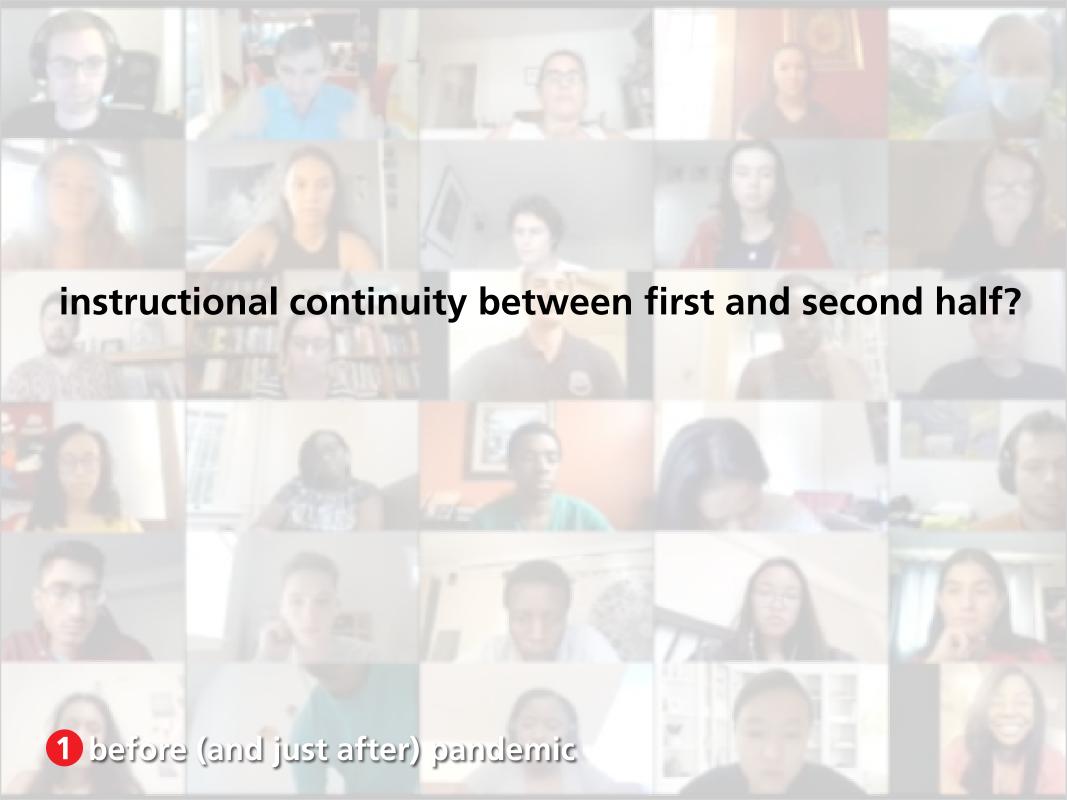


blend of 6 scaffolded "best practices"









instructional continuity between first and second half? 86% agreed 1 before (and just after) pandemic



"How can I transfer online what I do in the classroom?"

"How can I transfer online what I do in the classroom?"

(challenge)

"How can I transfer onling what I do in the classroom?"

(chare)

"How can I transfer onling what I do in the classroom?"

(chare)

"What can I do online that I cannot do in the classroom?"

(opportunity)

Changes implemented

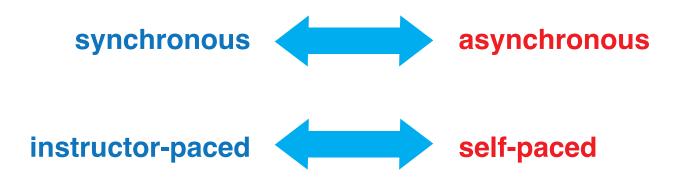
Minimize sync/instructor-paced

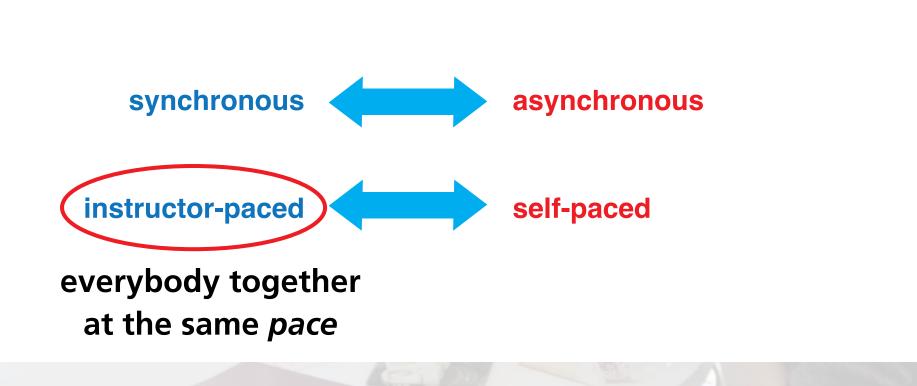
Personalize instruction





everybody together at the same *time*







synchronous



asynchronous

instructor-paced



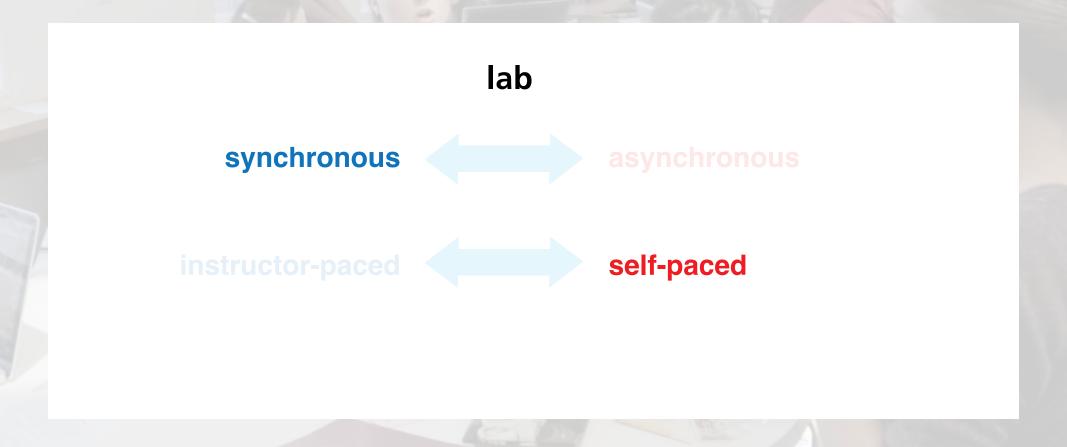
self-paced



synchronous asynchronous

instructor-paced

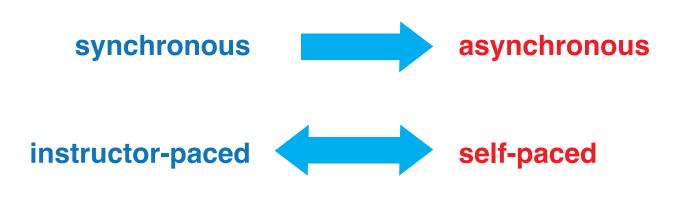
self-paced

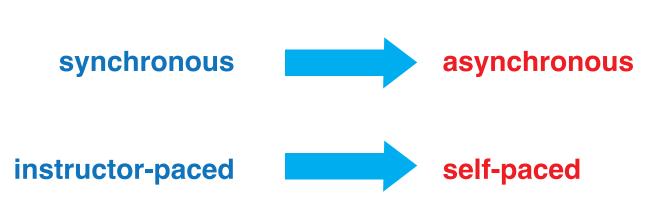


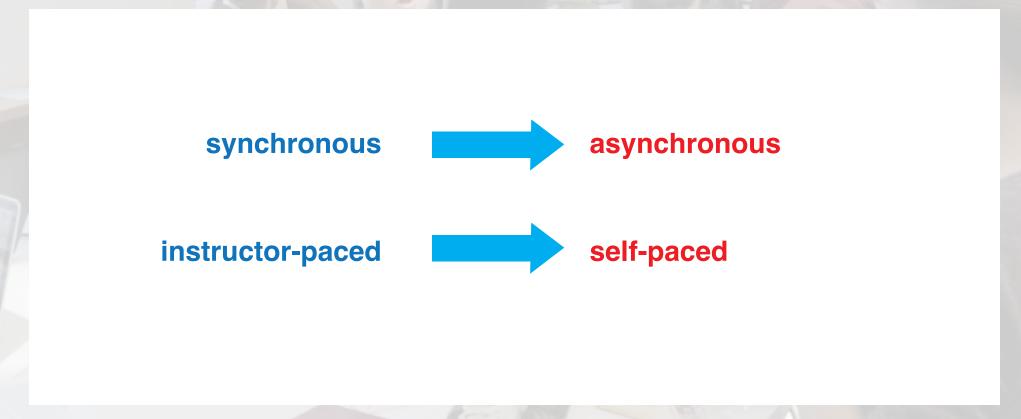


synchronous asynchronous

instructor-paced self-paced







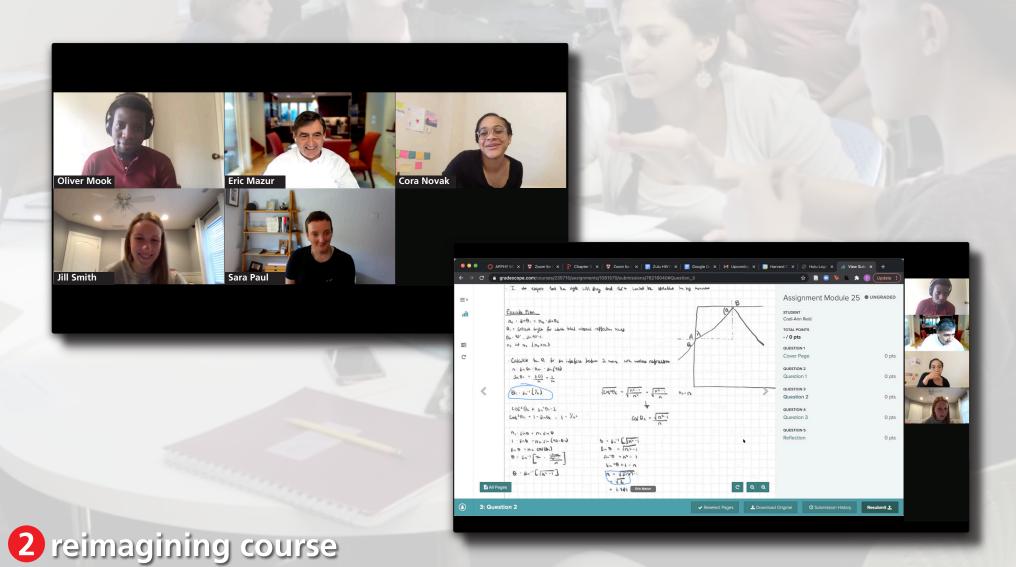
more time to help students where it really matters!

instead of all students coming to instructor's room...

instead of all students coming to instructor's room...

...instructional staff visits each team's own room

80 students in one room → 20 rooms with 4 students



every student on front row



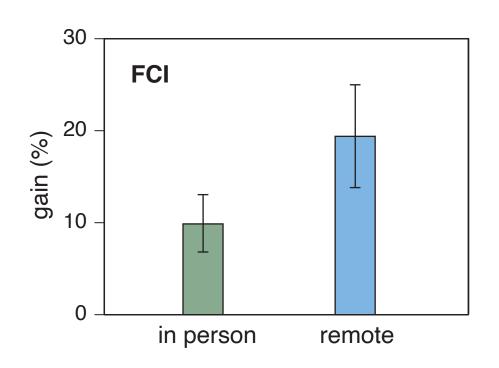
Changes implemented

Minimize sync/instructor-paced

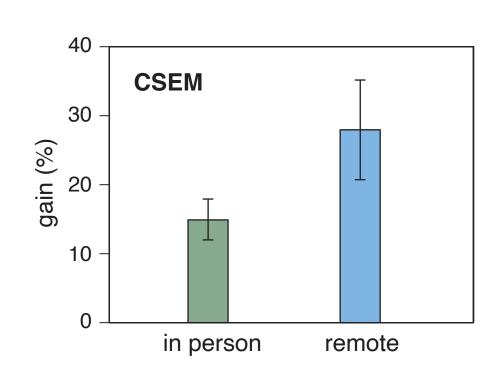
Personalize instruction

Specifications Grading

Fall Content Learning Gain

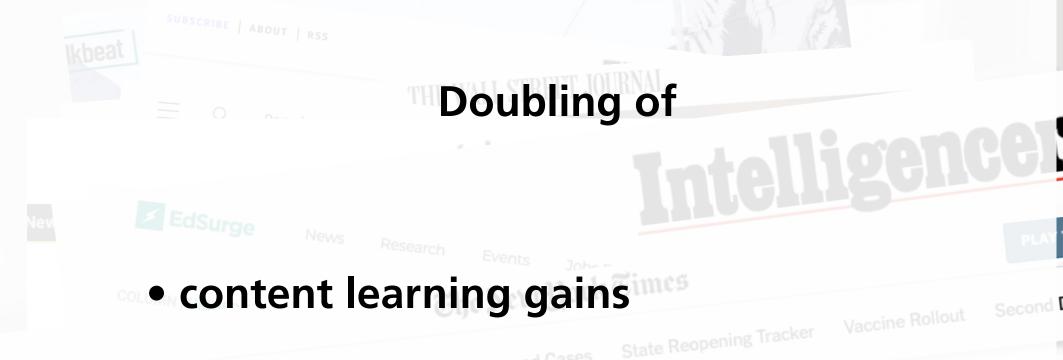


Spring Content Learning Gain



Self Efficacy

belief in ability to succeed in a certain domain

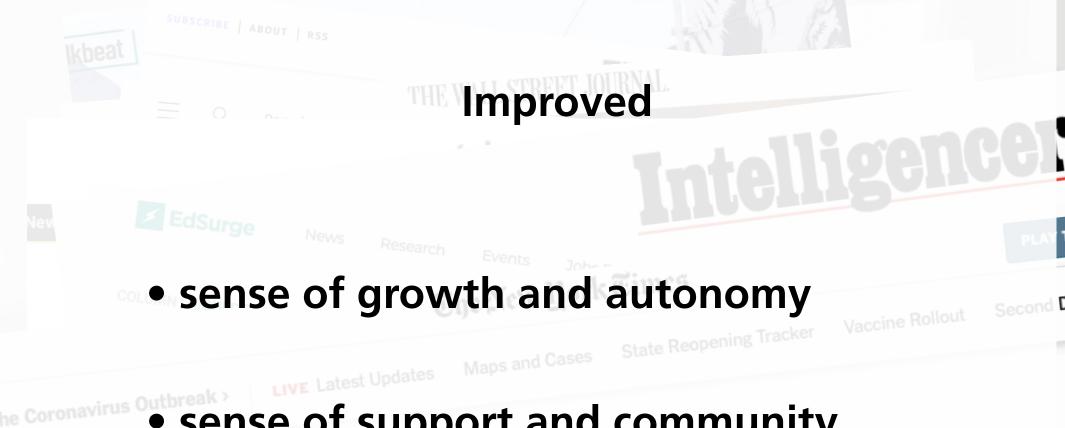


• physics self-efficacy gains

Research Shows Students Falling Months Behind During Virus Disruptions

The abrupt switch to remote learning wiped out academic gains for many students in America, and widened racial and economic gaps. Catching up in the fall won't be easy.





sense of support and community

• course evaluation Behind During Virus Disruptions

The abrupt switch to remote learning wiped out academic gains





I did my best teaching ever remotely!

Research Shows Students Falling Months Behind During Virus Disruptions

The abrupt switch to remote learning wiped out academic gains for many students in America, and widened racial and economic gaps. Catching up in the fall won't be easy.





I did my best teaching ever remotely!

Research Shows S Behind During Vi Behind During Vi

The abrupt switch to remote learning wiped out academic gas for many students in America, and widened racial and economic gaps. Catching up in the fall won't be easy.



(Post?) Pandemic changes









2021-2022 Fall

Home

Announcements

Syllabus (6)

Modules



昼

Assignments

Slack

Grades

Discussions

Pages

People

Manage Course

Library Reserves

Academic Integrity Policy

Support Resources

Panopto

Collaborations

Ø **Outcomes**

Ø

Ø Rubrics

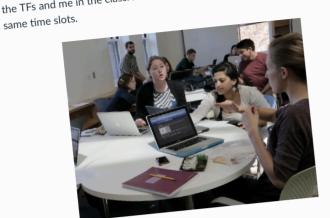
Ø **Ouizzes**

Ø **Files**

Settings

0

You and your team can decide not only when, but also how to participate in the regular weekly class meetings for AP50. You can meet with your team and Sections — in person or online (same experience, either way!) the TFs and me in the classroom (Pierce Hall 301), during one of the two section times. Alternatively, you can meet with us via Zoom, ideally during those



In person: You and your teammates will be seated around a table in Pierce Hall 301 and share your work with each other using Zoom. Members of the teaching staff will check in with you at the table. (Note: Unlike in the picture, face coverings are mandatory in the



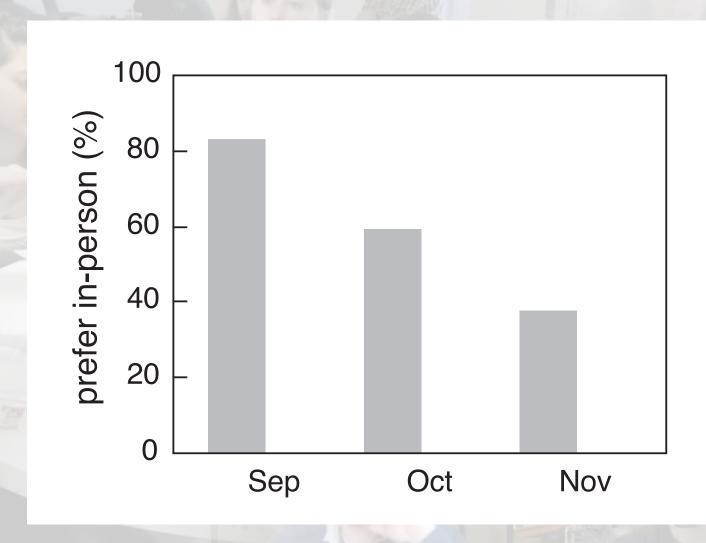
Online: You and your teammates will meet in your team's Zoom meeting room and communicate and share your work with each other using Zoom. Members of the teaching staff will check in with you in your team's Zoom room.

No matter how you participate the experience will be the same, as we carry out all class activities on the same platforms in person and online. On Zoom, there will share your work with each other via Zoom. In the in-person classroom your team will be seated at a whenever your team is ready to have its work validated by the teaching are mandatory for an in-person rice is given by the leading are mandatory for an in-person rice is given by the lea your team will meet in its own to the teach of the teach of the teach of the teach of the teaching the teachi

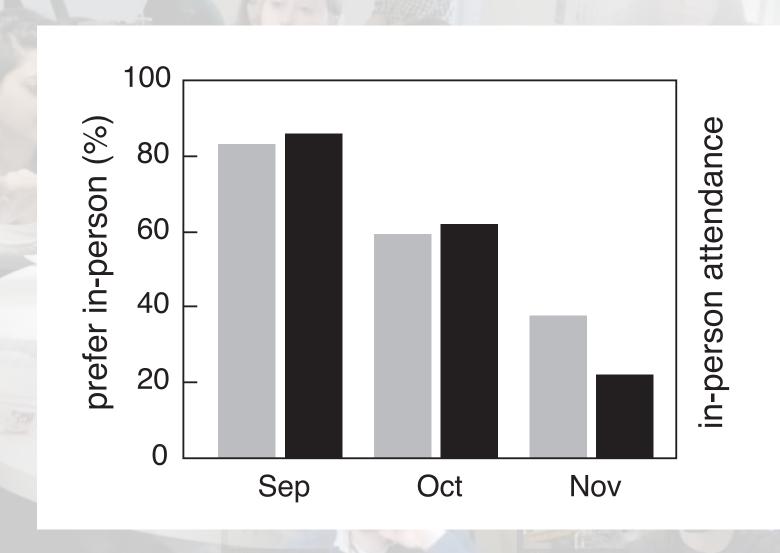
You don't need to commit to in-person or online in advance, and you can switch back and forth as you please, provided the entire team agrees to participate at the same time and in the same modality for a given activity (all in-person or all online). To facilitate that process, we will ask you for your preferences before we form teams and match you with people who have similar preferences.

Sections - Logistics

in-person vs. remote



in-person vs. remote







Show articles 💙



Yuval Noah Harari: the world after coronavirus

This storm will pass. But the choices we make now could change our lives for years to come

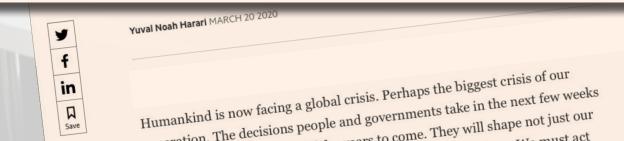
Yuval Noah Harari MARCH 20 2020

in

Humankind is now facing a global crisis. Perhaps the biggest crisis of our The decisions people and governments take in the next few weeks



Many short-term emergency measures will become a fixture of life. That is the nature of emergencies. They fast-forward historical processes. Decisions that in normal times could take years of deliberation are passed in a matter of hours. Immature and even dangerous technologies are pressed into service, because the risks of doing nothing are bigger. Entire countries serve as guinea-pigs in large-scale social experiments. What happens when everybody works from home and communicates only at a distance? What happens when entire schools and universities go online? In normal times, governments, businesses and educational boards would never agree to conduct such experiments. But these aren't normal times.

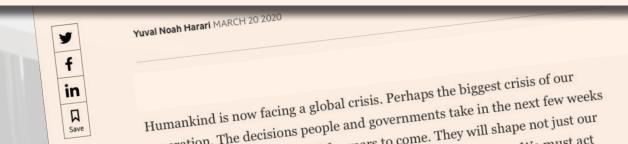




Many short-term emergency measures will become a fixture of life. That is the nature of emergencies. They fast-forward historical processes. Decisions that in normal times could take years of deliberation are passed in a matter of hours. Immature and even dangerous technologies are

Remote teaching may well become a fixture of life

happens when everybody works from home and communicates only at a distance? What happens when entire schools and universities go online? In normal times, governments, businesses and educational boards would never agree to conduct such experiments. But these aren't normal times.



tire



