



# Emergency Remote Education: what do teachers really need to get through COVID-19?

May 15, 2020



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# Education today

What do children have to learn?

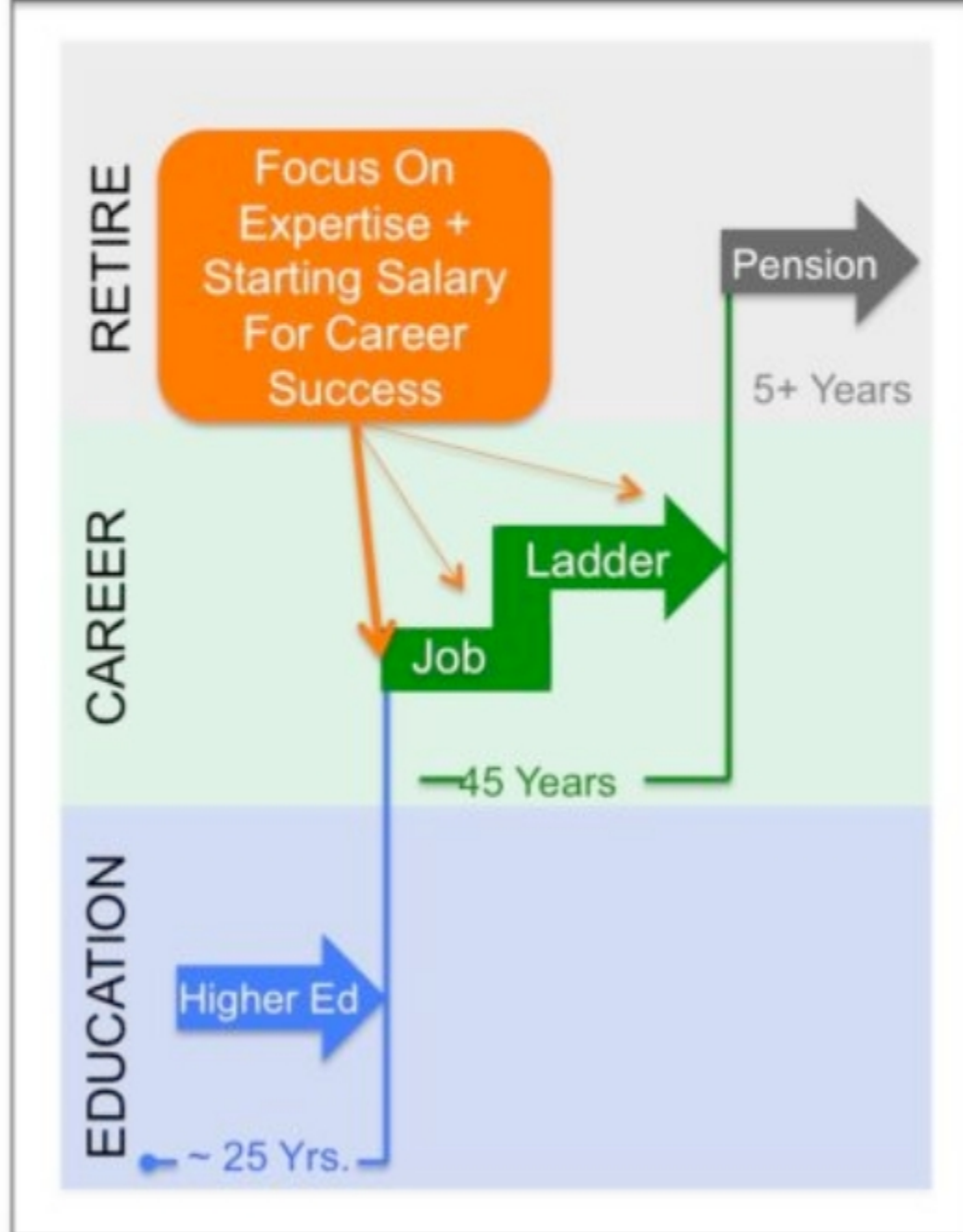


Source: Future of Education and Skills: OECD Education 2030 Framework. Organization for Economic Cooperation and Development.

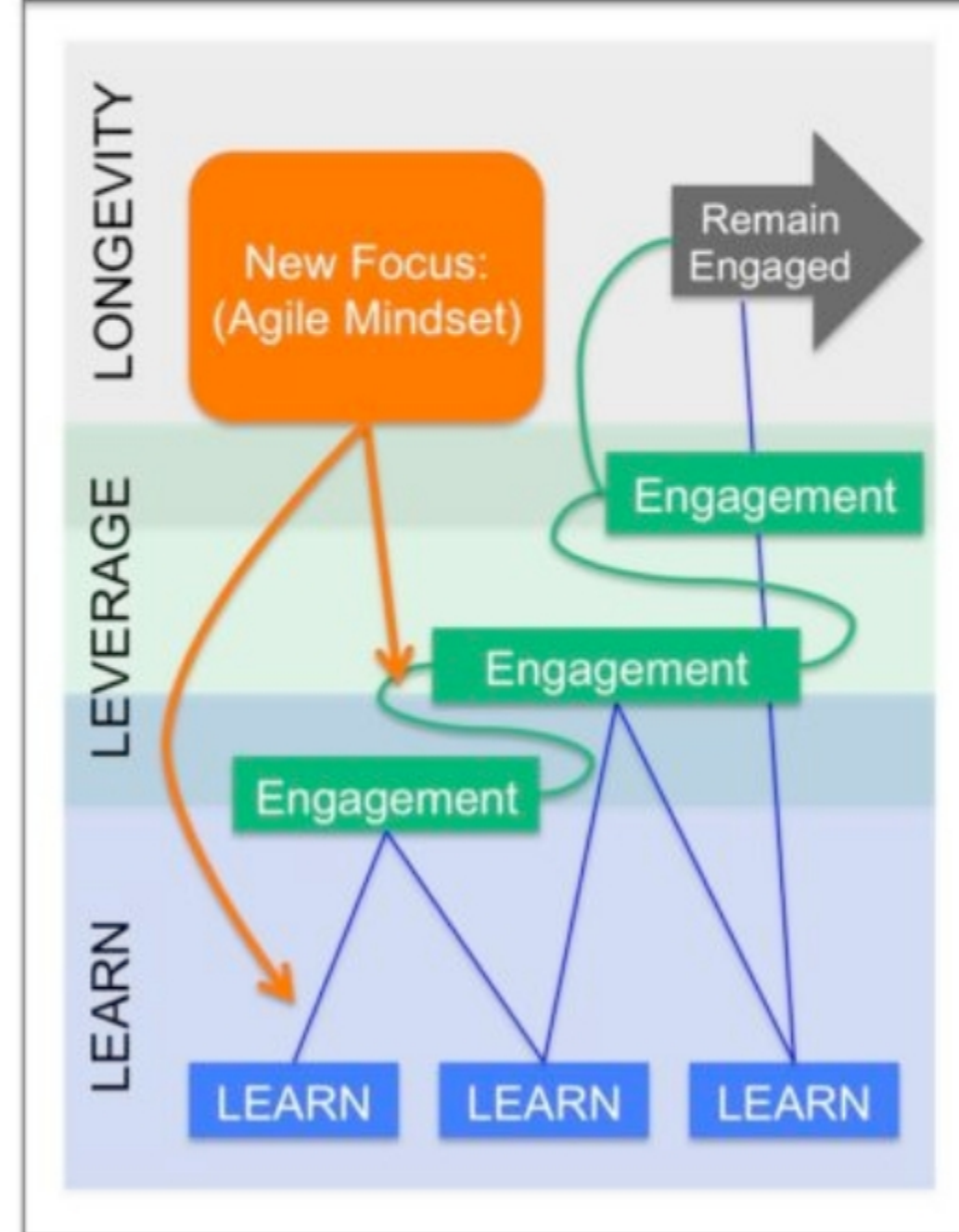
# Education today

## LEARNING AGILITY IMPERATIVE

### Old Paradigm: **EXPERTISE**



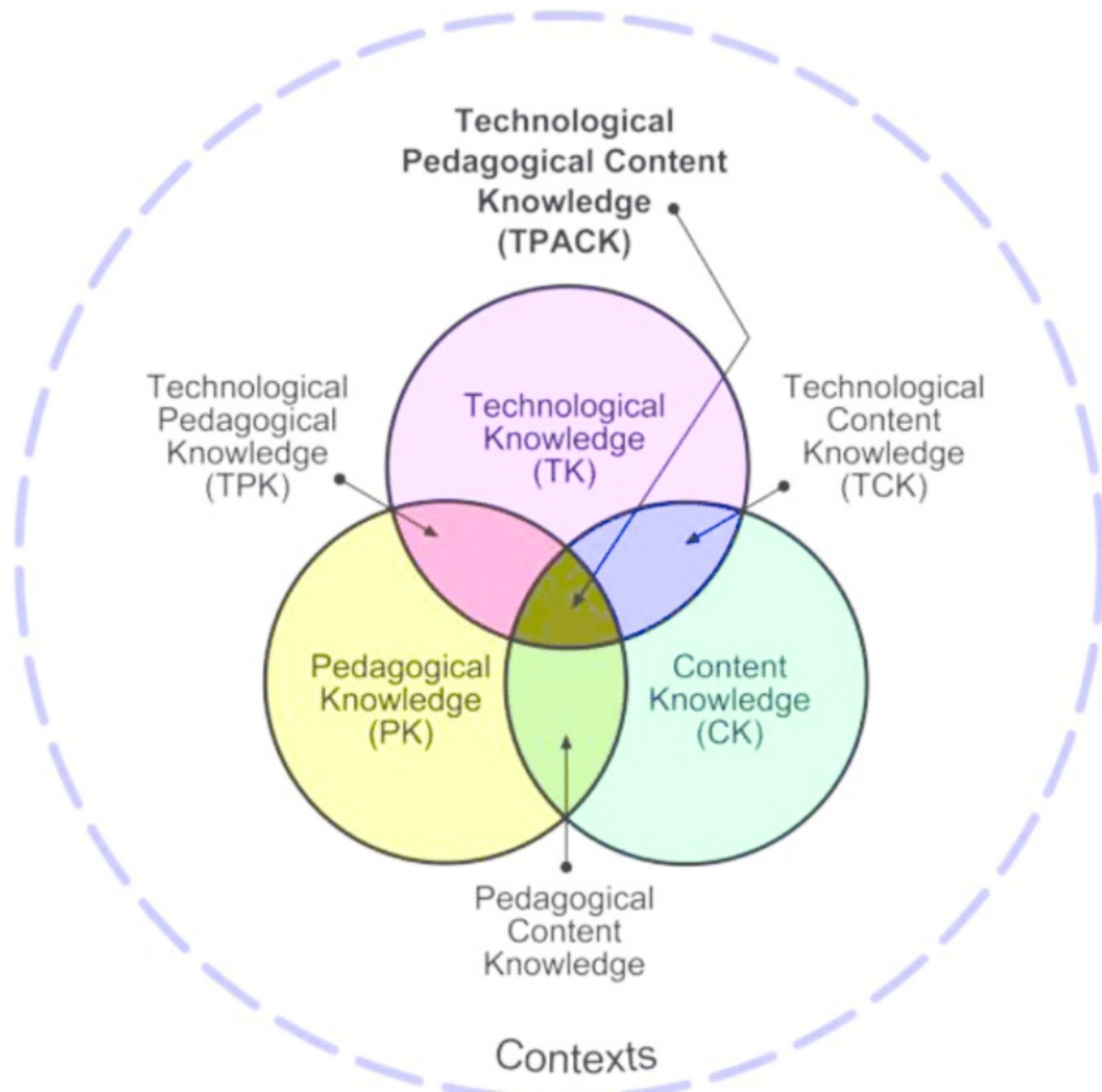
### New Paradigm: **AGILITY**



@heathermcgowan



# Essencial Framework - TPACK (Technological Pedagogical Content Knowledge)

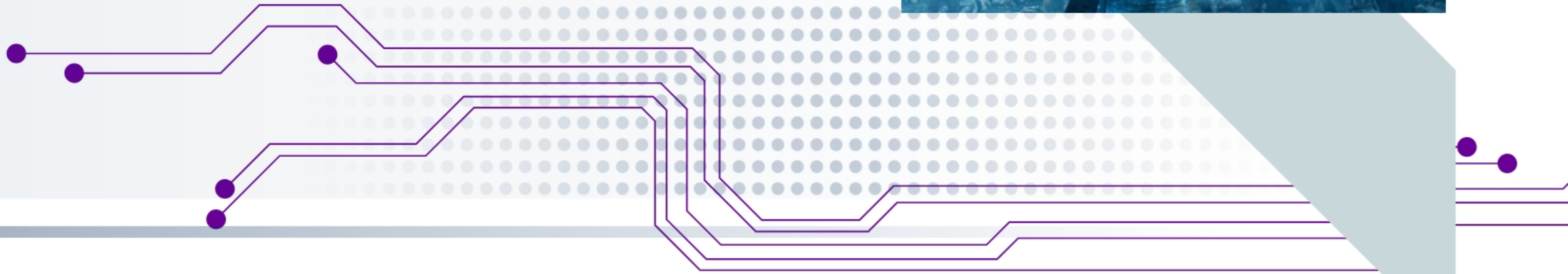


(Koehler & Mishra 2008, Mishra & Koehler 2006)

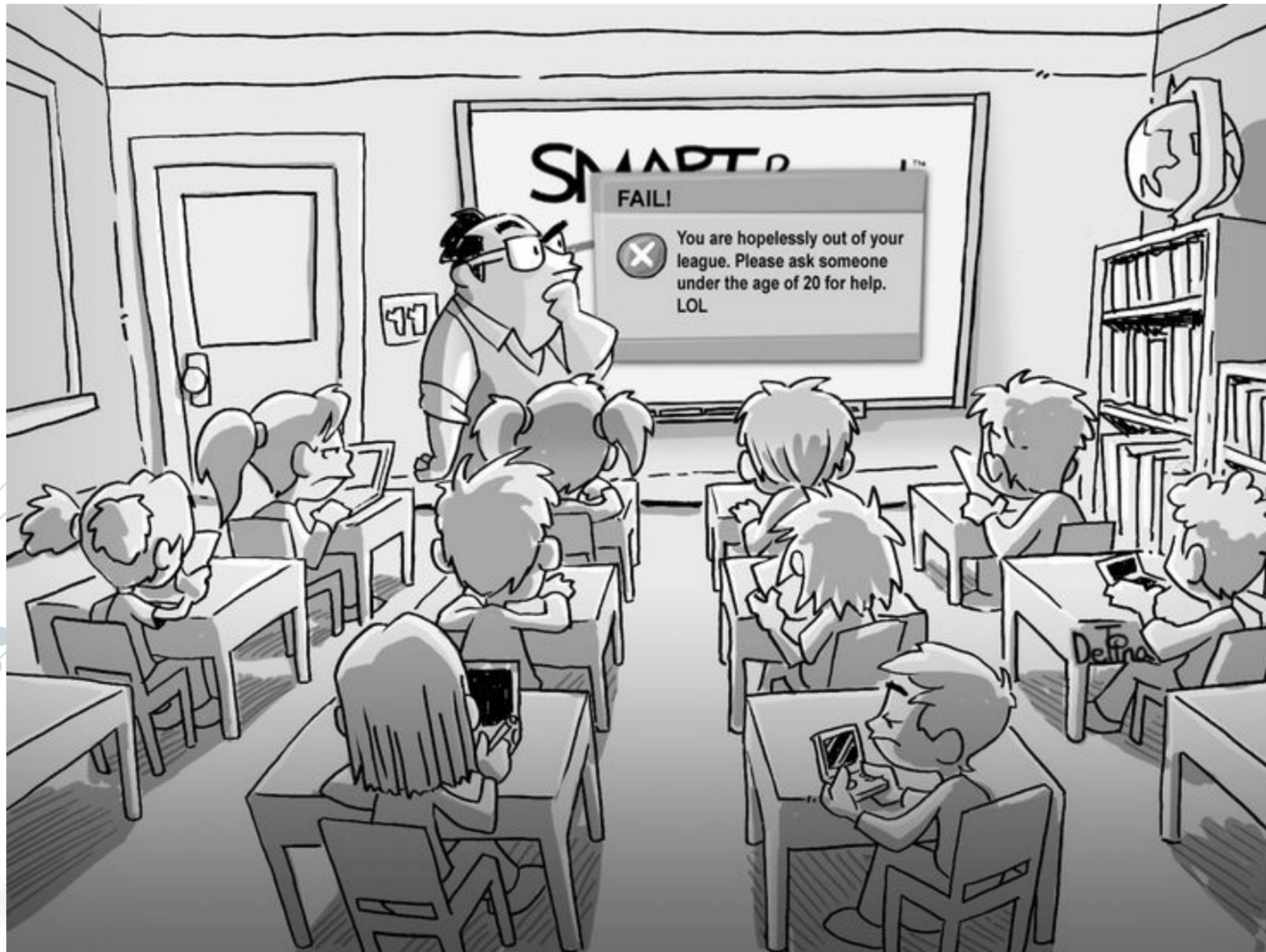




**What are many  
teachers feeling now?**







<https://mrstooshnov.files.wordpress.com/2010/10/et-cartoon.jpg>





“Any sufficiently advanced technology  
is indistinguishable from magic”

Arthur C. Clarke, “3001: the final odyssey”





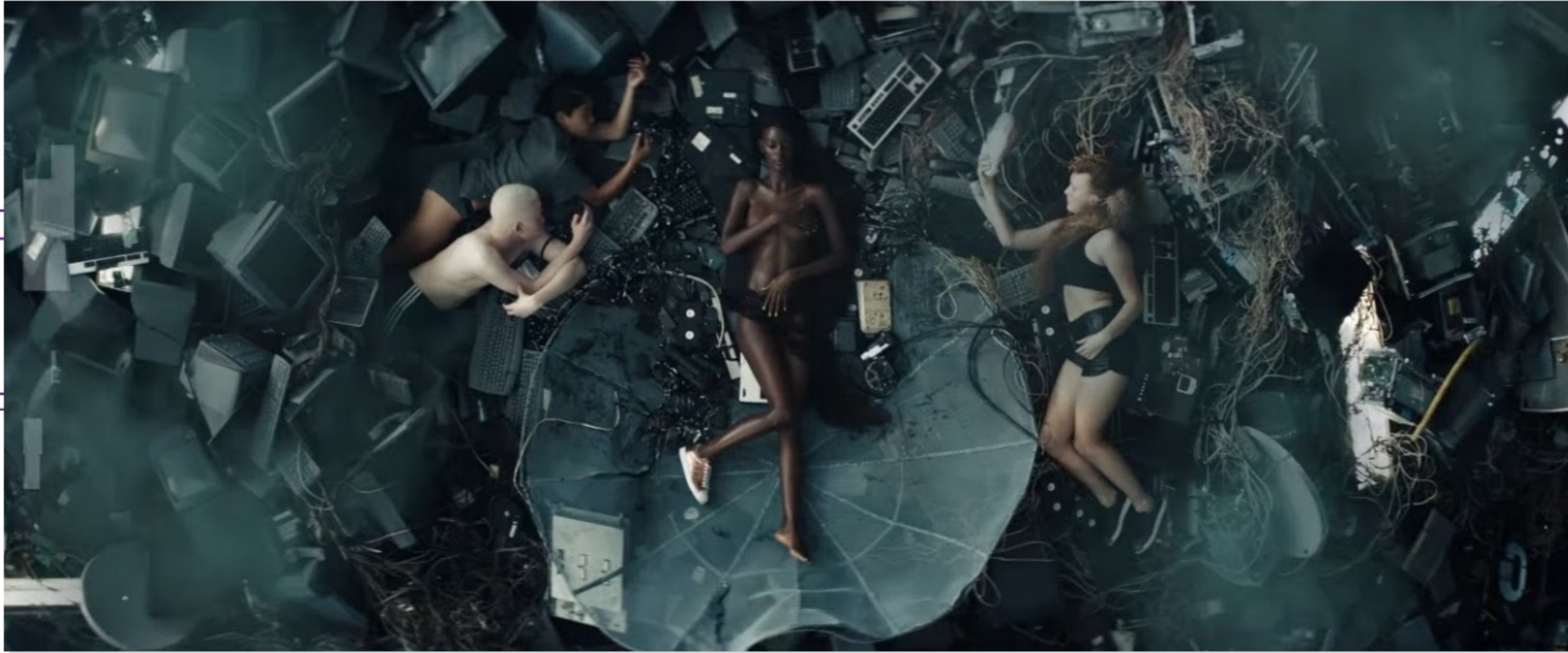
First step: know one's competences,  
acknowledge one's fragilities

**"My dear, here we must run as fast as we can, just to stay in place. And if you wish to go anywhere you must run twice as fast as that."**

**Red Queen in Lewis Carroll's *Through the Looking-Glass***

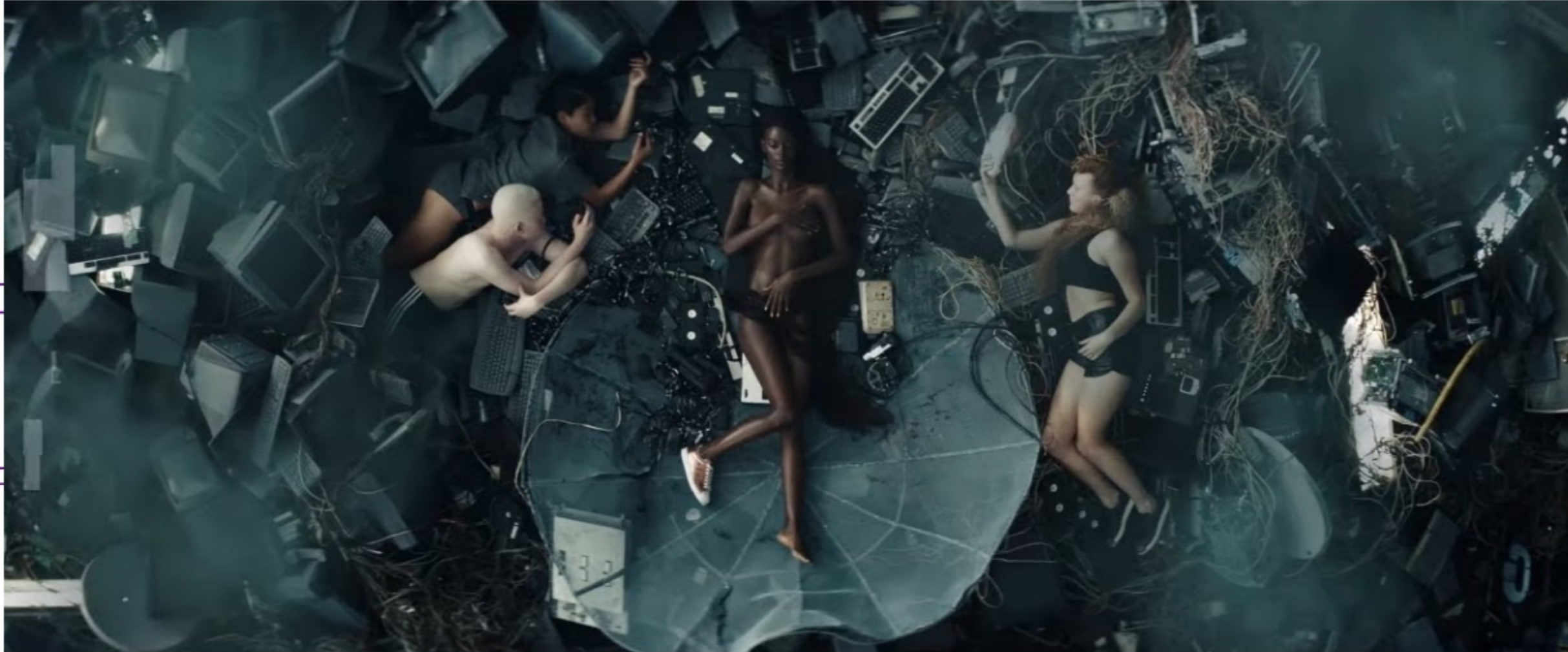
Red Queen hypothesis: an evolutionary hypothesis which proposes that organisms must constantly adapt, evolve, and proliferate in order to survive while pitted against ever-evolving opposing organisms in a constantly changing environment, as well as to gain reproductive advantage.





Zygmunt Bauman - **The world is liquid. Being able to adapt do unforeseen scenaros is fundamental.**





What to do now? Keep...

- planning for...
- adapting to...
- teaching for...
- helping...

**students!**



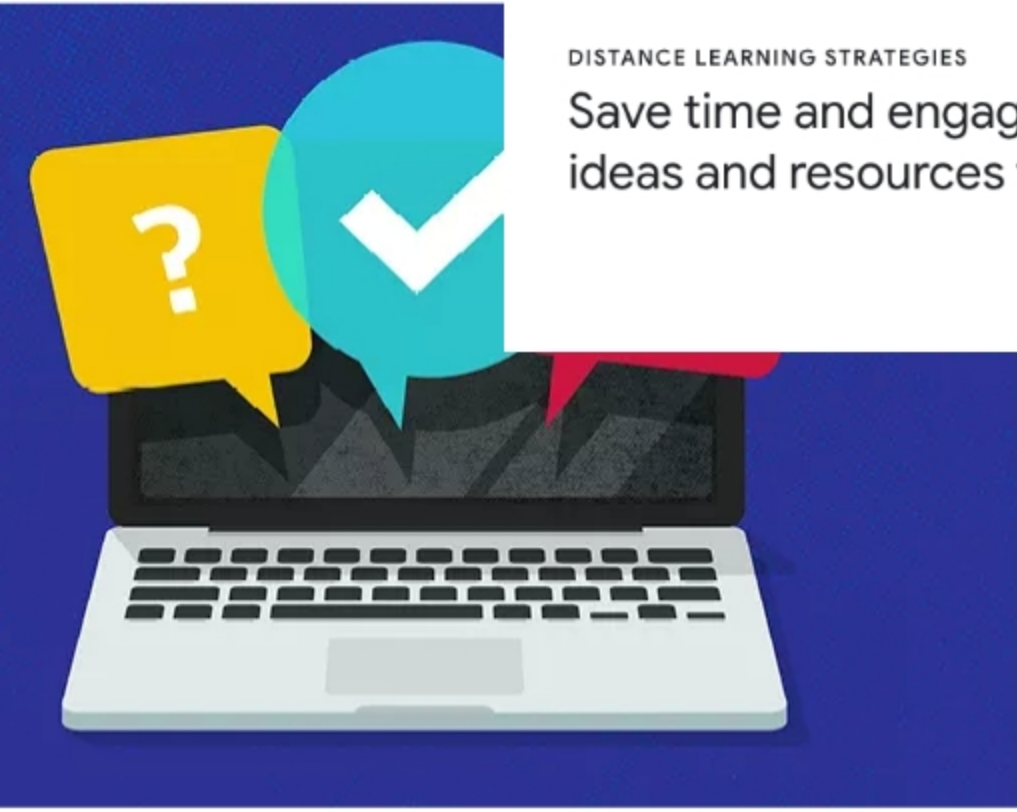
# Too much info...

## Explore distance learning resources for schools affected by COVID-19

For educators and IT administrators preparing for potential school closures — or currently facing them — here are a few ways to engage students through distance learning.

EDUCATION WEEK  
Current Issue

### Emergency Remote Teaching

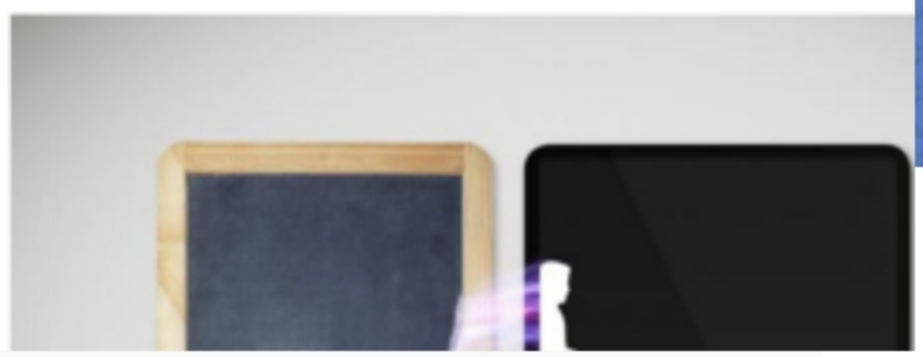


DISTANCE LEARNING STRATEGIES  
Save time and engage students with ideas and resources for remote teaching

## Will Shift to Remote Teaching Be Boon or Bane for Online Learning?

Because of COVID-19, most professors and students suddenly find themselves forced to use technology as they teach and learn. A panel of experts explores whether that will help or hurt attitudes about online education.

By Doug Lederman // March 18, 2020



## Distance learning solutions

UNESCO's COVID-19 Education Response

## Getting Started with Teaching Remotely in an Emergency

HOME » GETTING STARTED WITH TEACHING REMOTELY IN AN EMERGENCY » GETTING STARTED WITH TEACHING REMOTELY IN AN EMERGENCY

Developed by CRLT and the Center for Academic Innovation

Updated 03/12/2020

[Click here to register for open office hours on remote teaching with CRLT and CAI](#)

There may be an unexpected time when teaching a face-to-face class is impossible. Weather, illness, travel delays or other circumstances may prevent you or your students from the typical participation in a residential, face-to-face class. If your plans suddenly change, it does not mean that class (or the learning) has to end. These strategies should not replace the process that you may go through to develop an online course. Instead, these strategies can be used to bridge the gap and ensure continuity even in times of disruption. (Please also see this ITS Remote Resource Guide and Online Now resources from ITS.)

1. [Take care of yourself and remember this is temporary.](#)
2. [Consider the circumstances for the emergency.](#)
3. [Make sure you and your students have access to the technology you'll need.](#)
4. [Create a communication strategy for the class. Communicate consistently and often.](#)
5. [Evaluate your overall teaching strategy for remote teaching](#)
6. [Consider what classroom attendance and participation can look like under emergency circumstances](#)
7. [Prepare to move what you can online. \(Lecture, Discussion, Assignments\)](#)

CANeLearn

Emergency Remote Teaching: Resources, Tools, and Ideas

Home / Newsletter, Sta

### Emergency Remote Teaching: Resources, Tools, and Ideas

NOTE:



# Tony Bates: "do more with less"



Auguste Rodin, The Kiss





# What's most important:







# ONLINE EDUCATION

What do teachers really need to get through COVID-19?  
Some basic tips for a sweep transition for online education



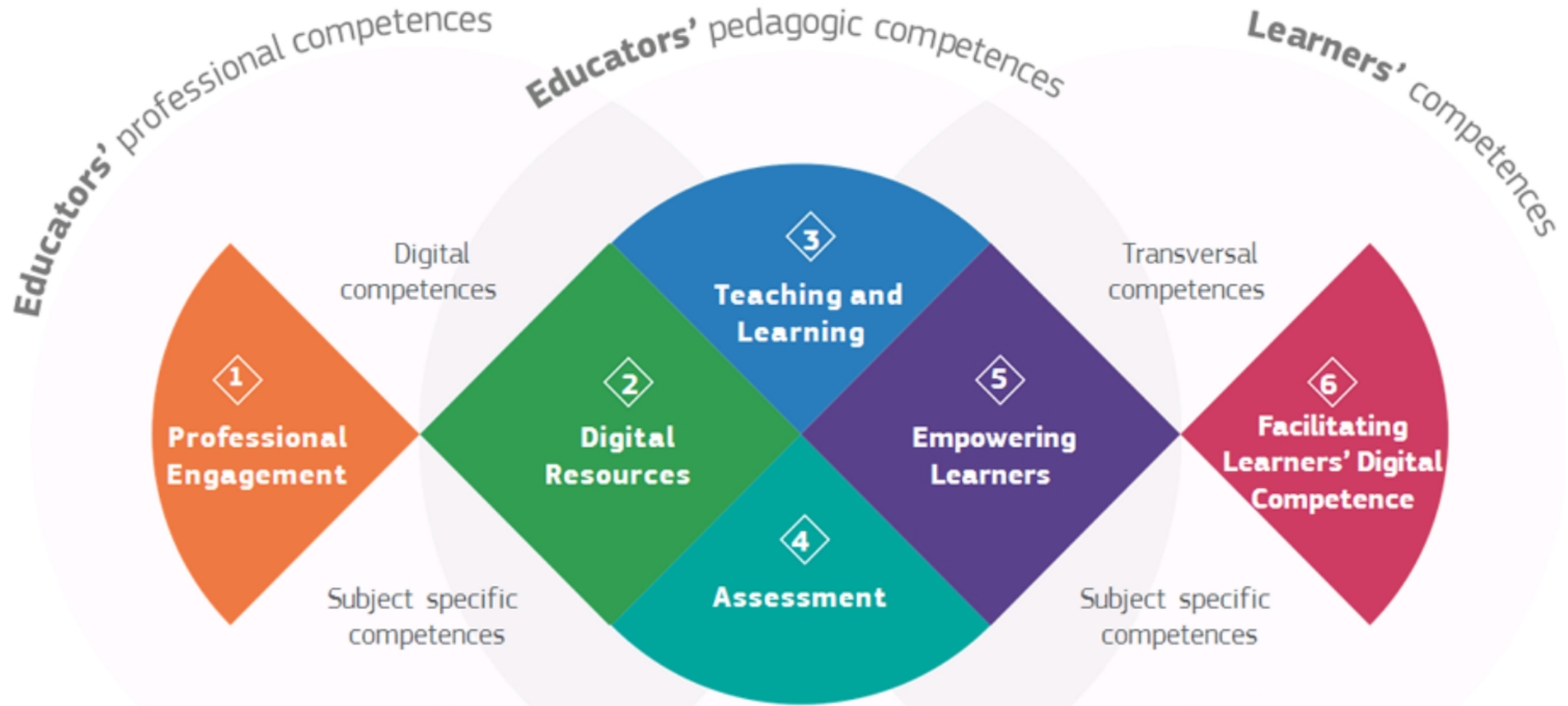
## Activities planning

|  |
|--|
| <b>Task title</b>  |
| <b>Outcomes</b>  |
| <b>Description</b>   |
| <b>Duration and period of execution (include specification of different steps)</b> |
| <b>Learning resources</b>  |
| <b>Assessment (criteria, typology of work to be carried out, grades)</b>           |





# DigCompEdu Framework - a final idea



(Redecker, 2017)





# Thank you!

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<https://medium.com/@vitalyy/winter-is-here-now-what-ef016e2525>

