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Elearning strategies for schools:

Lessons learned during the pandemic with regards to the implementation of online education in k12 schools

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15 YEARS

www.cardet.org

Overview

- A few ideas on online education
- Research in Cyprus public schools
- Leadership role
- Systemic recommendations

Online Learning - Distance Education

- Distance education, when designed properly, can be as effective as traditional education
- “Distance” & “Delivery” Vs Designing learning
- Online learning
  - Under emergency conditions
  - Under “normal” conditions

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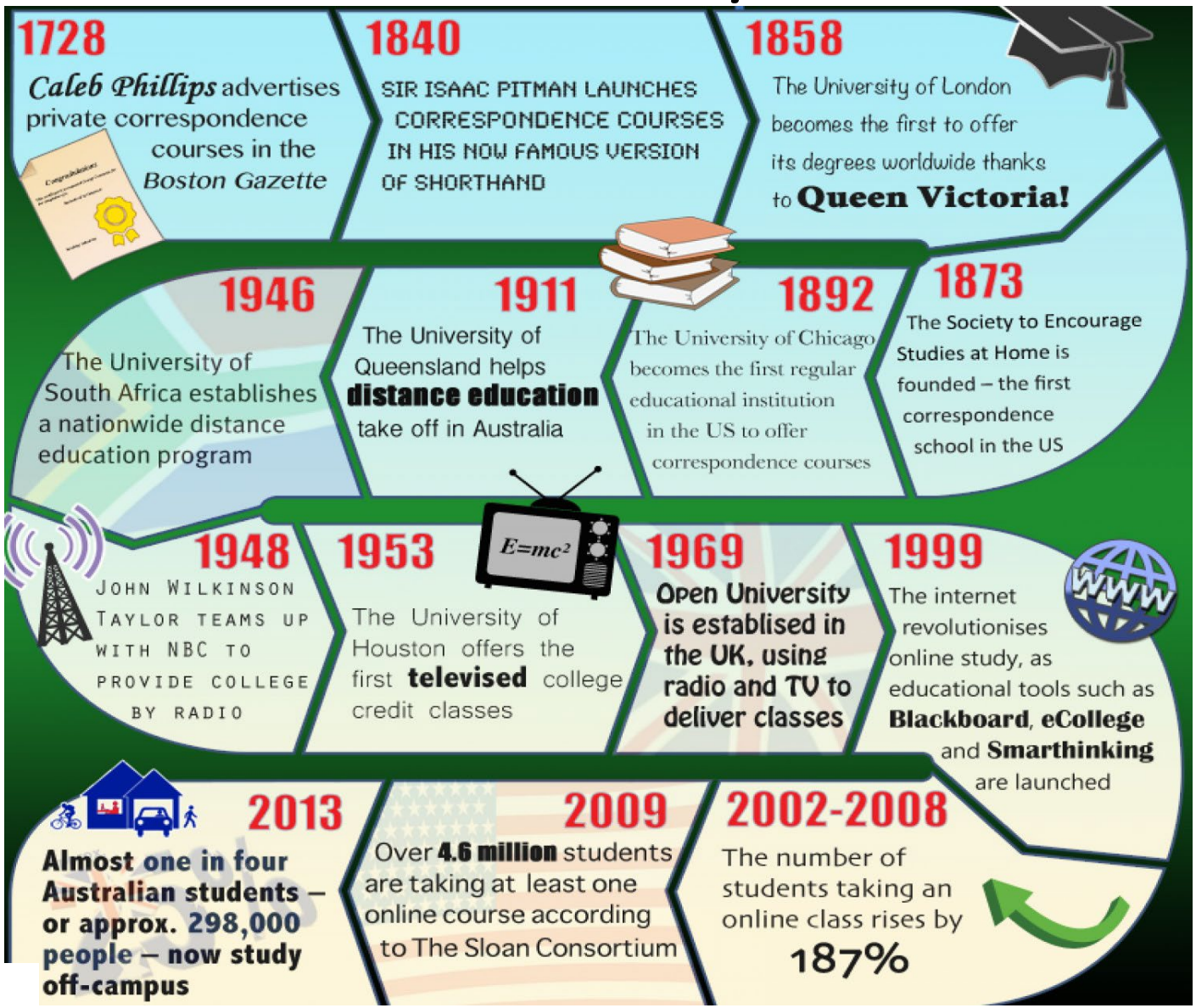
Brief History



https://visual.ly/community/Infographics/education/history-distance-learning

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Factors influencing success

- Strategy and leadership
- Infrastructure and access
- Professional development
  - Teachers, parents, students
- Age group – subject matter
- Ongoing support
- Learning design
- Digital content
- Evaluation and revisions

Interaction

- Immediacy
- Speed
- Coherence
- Engagement
- Visual aspect

https://www.schooltime.gr/2020/03/13/ypourgeio-paideias-ksekina-i-ex-apostaseos-ekpaideusi/

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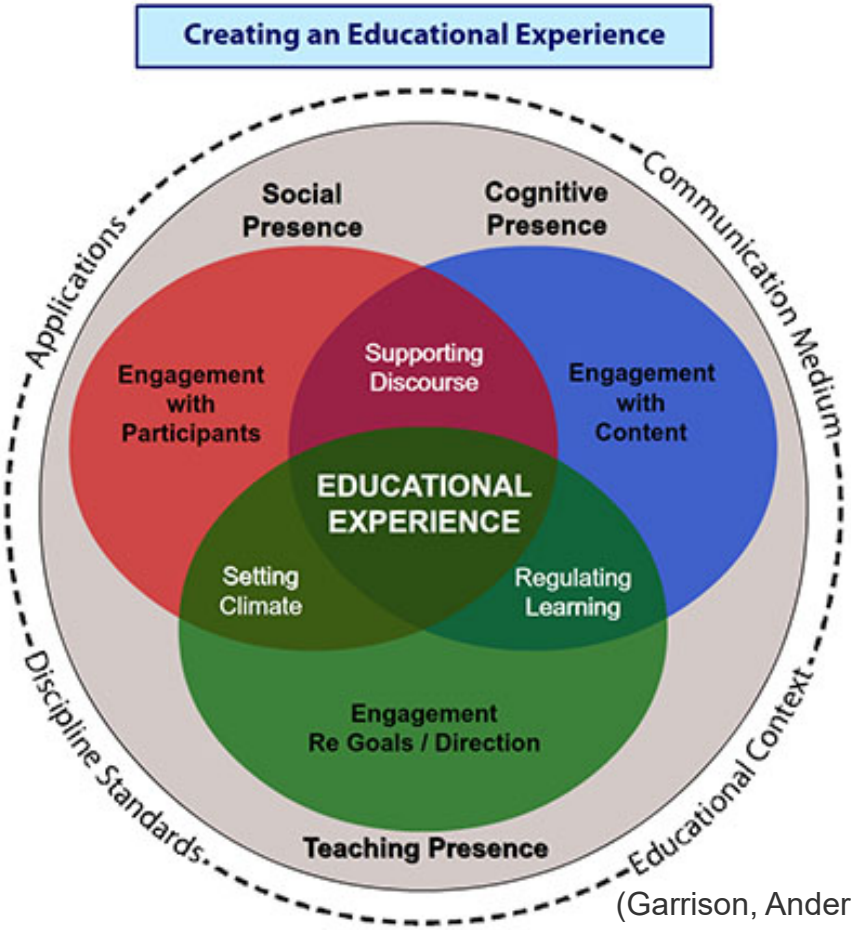
Social presence



(Garrison, Anderson & Archer, 2001)

https://courses.dcs.wisc.edu/design-teaching/PlanDesign_Fall2016/1-Getting-Started-Module/3-transitioning-online-unit/8_community-inquiry.html

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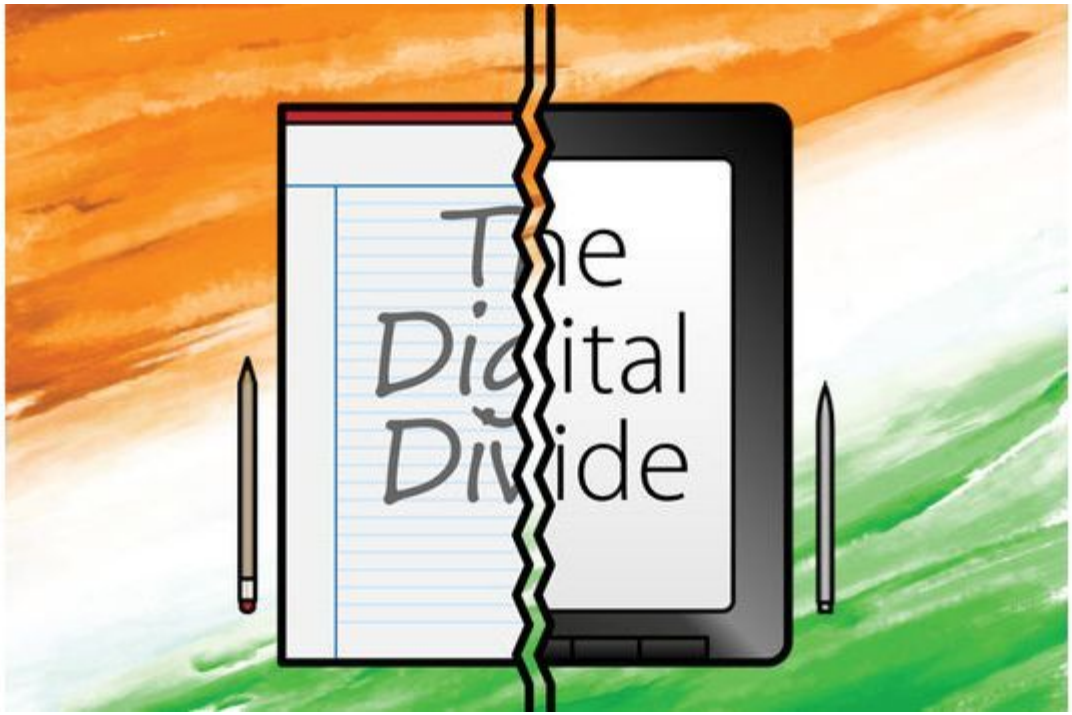
Equality

- Access
- ICT
- Skills
- Family



https://julie808blog.wordpress.com/2016/10/03/participation-and-the-digital-divide/

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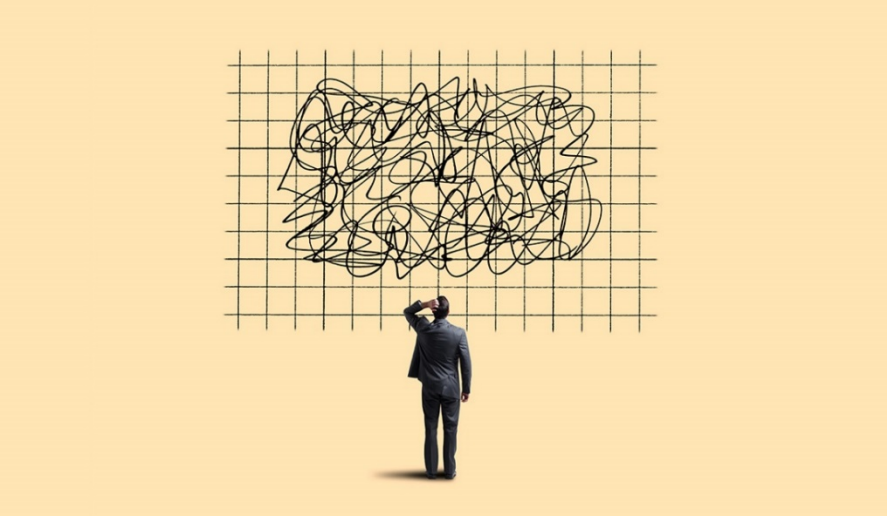
Uncertainty

- Schools open
- Exams
- Curriculum
- Health protocol
- Beginning of school year
- Mental health
- Parental involvement
- Positive relations



https://www.pagaya.com/wp-content/uploads/2020/03/Feb19_22_1069395454.jpg

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Research on how distance education was implemented in Cyprus public schools

- How was distance education implemented?
  - What methods, frameworks, tools, content, practices?
- What challenges were faced?
- What good practices emerged?
- What can we learn to design the future?

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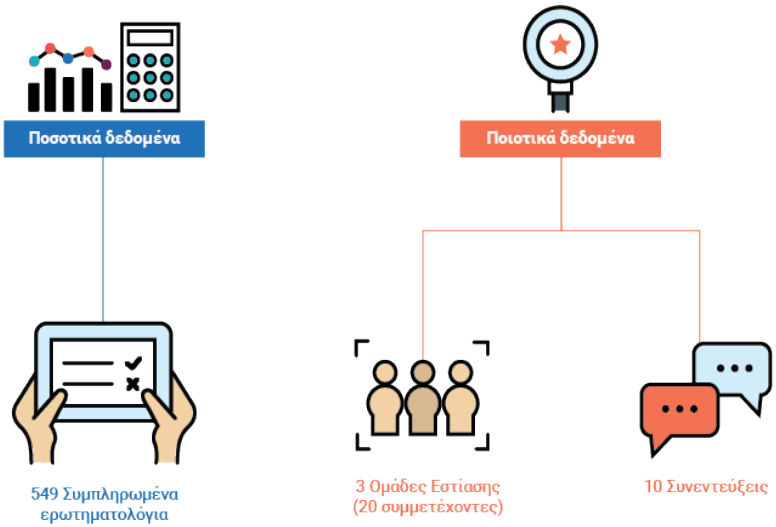
Data Collection

- Questionnaire for teachers (549)
- Interviews with key stakeholders (10)
- Focus groups with teachers, parents, and MOESY staff
- Review of documents, policies, MOESY circulars



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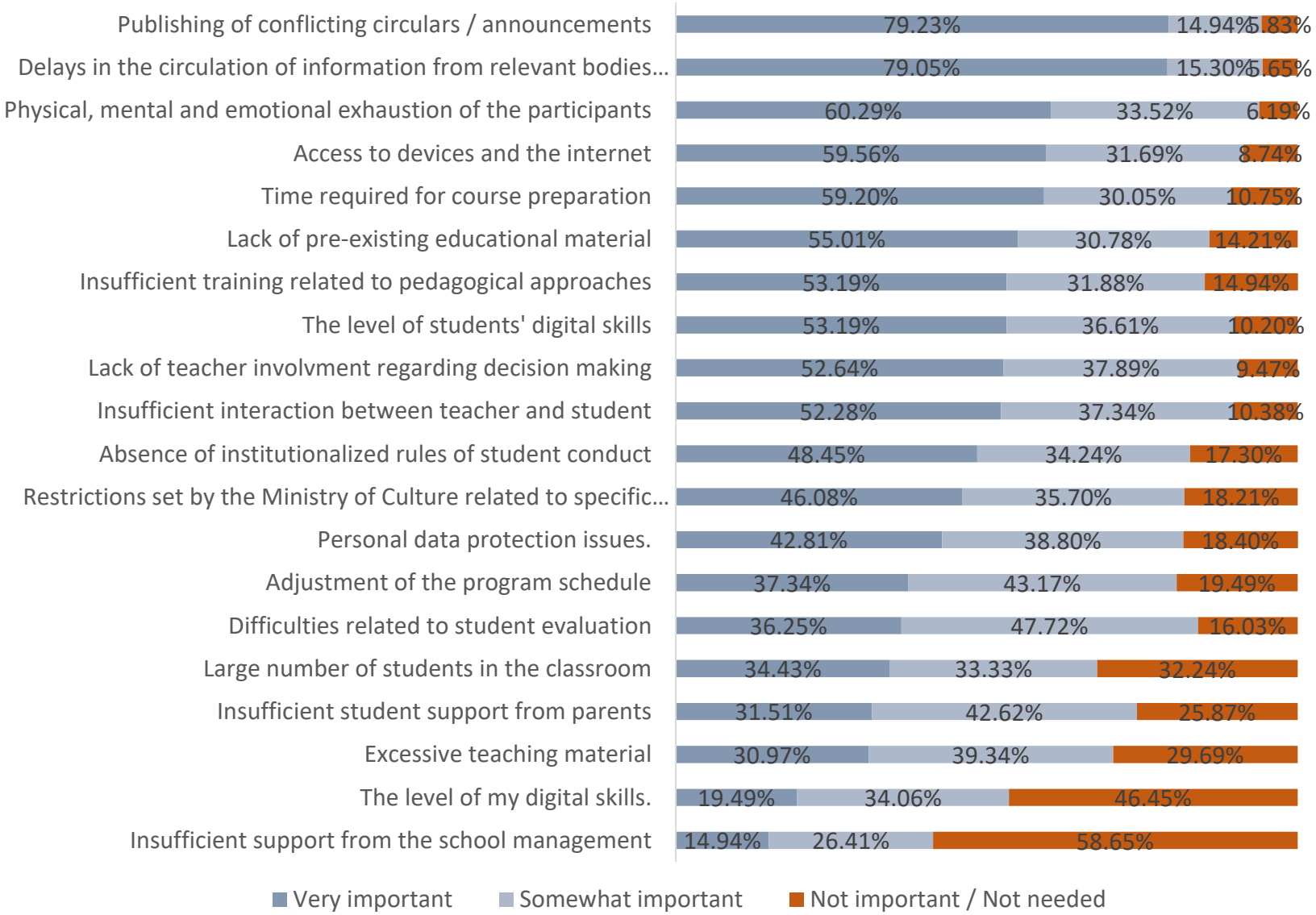
Positive Outcomes

- Tremendous extra effort by teachers and school leaders
- Collaboration among teachers
- Collaboration among parents and teachers
- Digital skills development
- Accelerated integration of ICT and education change

Most important obstacles in the implementation of DE



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Training Needs for Teachers

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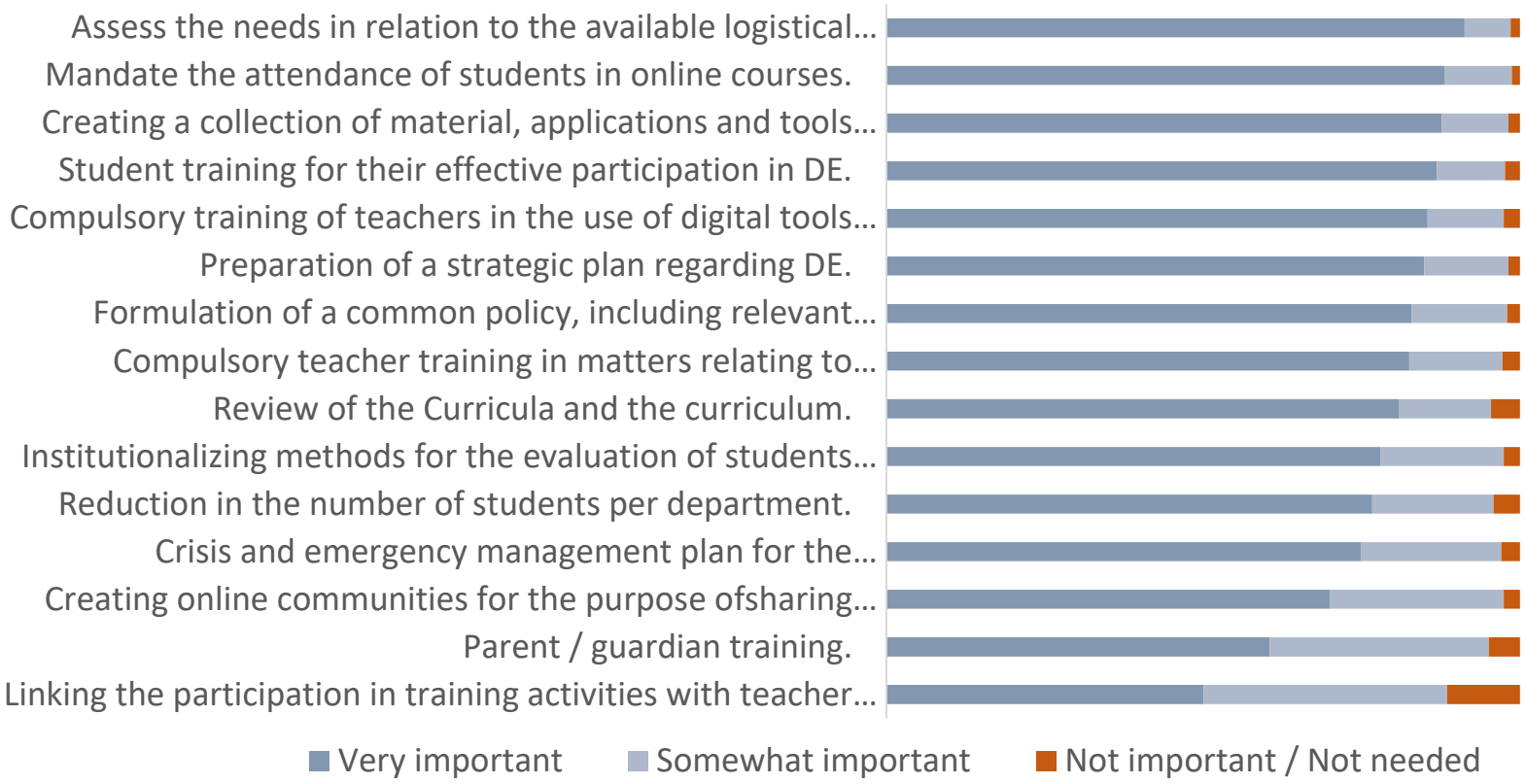
	Theme Areas	Percentage
1	Integration of technologies to promote interaction between student-teacher-material.	80.5% (442)
2	Training for each subject that incorporates the presentation of tools and practical applications.	77.2% (424)
3	Practices to enhance student participation and collaboration with regards to online environments (e.g. play elements, motivational elements, etc.).	75.0% (412)
4	Synchronous and asynchronous tools for communication purposes between teachers, students and parents / guardians.	72.9% (400)
5	Ways to troubleshoot technical issues (troubleshooting).	72.7% (399)
6	Ways to evaluate and give feedback with regards to DE.	72.1% (396)
7	Educational planning for DE.	70.1% (385)
9	Good practices for DE (e.g. copy practices from other countries, etc.).	63.6% (349)
8	Use of specific features in learning platforms (e.g. how to upload a file, how to assign a task, etc.).	68.9% (378)
11	Utilization of Open Educational Resources (OER) for DE.	58.5% (321)
12	Pedagogical principles and models for DE.	57.6% (316)
10	Digital skills development (e.g. how to create digital material).	59.2% (325)

Actions for the effective implementation of distance education according to teachers



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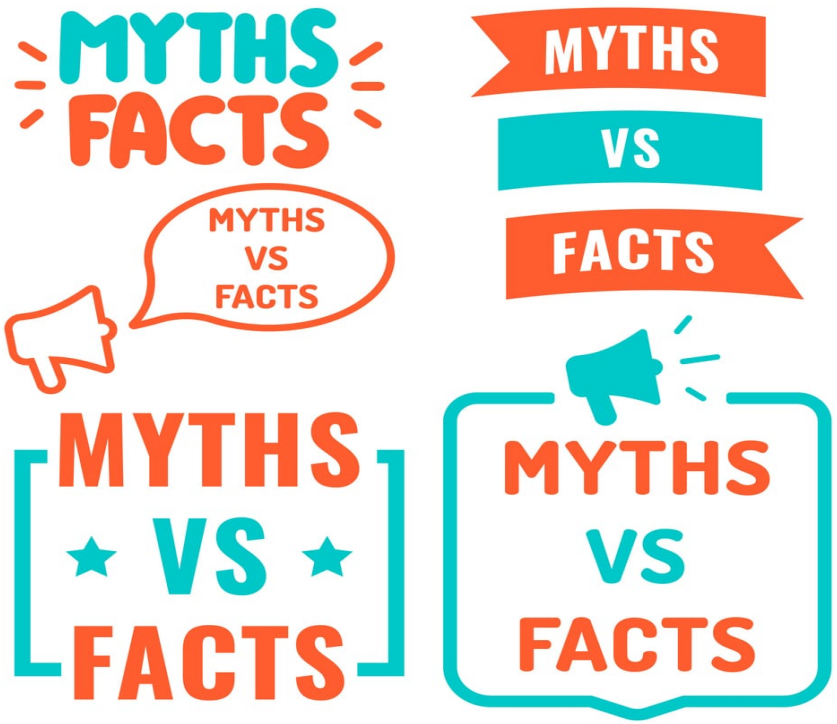
Myths

- Poor alternative to F2F
- Easy
- Will not replace F2F
- Supporting role
- Good for all
- Technology is the key



https://www.impactteachers.com/myths-about-education-recruitment/

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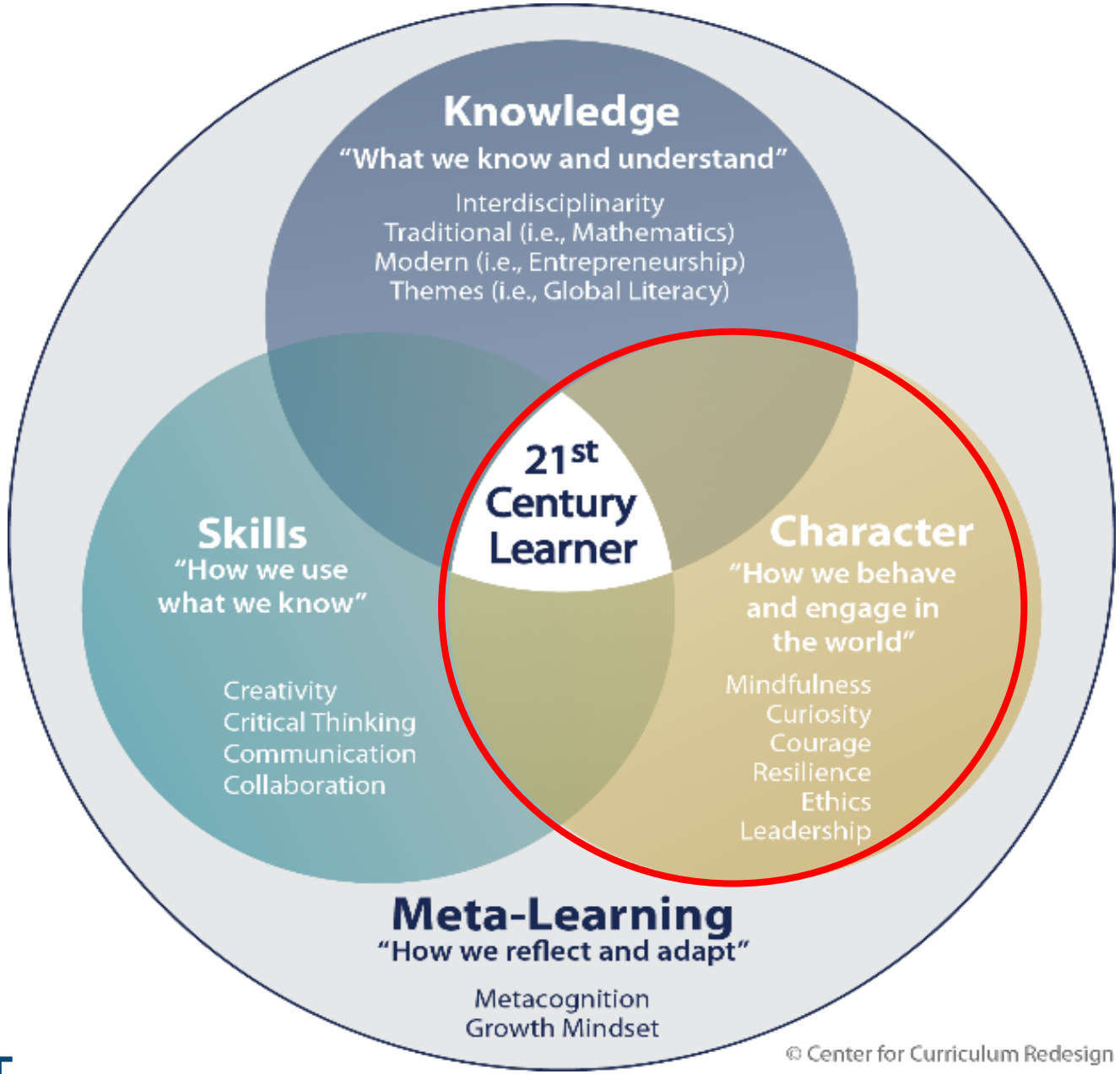

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https://curriculumredesign.org/

Mental Health – Ψυχική Υγεία

In many EU countries, mental health is still a taboo. However, the economic impact of psychological disorders is a loss of 4% of GDP and changes in the labour market only aggravate the situation, according to a report by the OECD.

A recent research carried out by the Organisation for Economic Cooperation and Development (OECD), one out of six people in the EU, or more than 84 million people, are affected by mental health issues. Around 10 million people a year experience mental disorders in Europe.

Besides the obvious impact on people's lives, the research estimates the economic impact of mental health problems at more than €600 billion across the EU. Part of the cost goes towards spending on health care, about 1.3% GDP or €190 billion, and social security programmes (1.2% or €170 billion euros).

https://www.euractiv.com/section/economy-jobs/news/mental-health-issues-cost-eu-countries-more-than-e600-billion/

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Character Education

Characteristics	
Mindfulness	self-awareness, compassion, sharing, sensibility, gratitude, empathy
Curiosity	innovation, exploration, motivation, initiative, wonder
Courage	determination, confidence, risk taking
Resilience	perseverance, grit, diligence, self-control, dealing with ambiguity
Ethics	integrity, justice, equity, loyalty, love, generosity
Leadership	responsibility, modesty, negotiation, leading by example

SWPBS

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Positive Behaviour Support

Positive Behavior Support (PBS) is an evidence-based approach, which aims to enhance the Quality of Life and minimize individuals' problematic behavior (Carr, et al. 2002). To achieve that, PBS focuses on the development of individuals' positive behaviors (behaviors that are associated with academic, health, social, recreational, community and family achievement).

read more >

The SWPBS Project

The "Building School-Wide Inclusive, Positive and Equitable Learning Environments Through A Systems-Change Approach" (SWPBS) is an ERASMUS+ Key Action 3 Policy Experimentation program, which aims to establish an inclusive non-discriminatory social culture and necessary socio-emotional and behavioral supports for all children in a school across four EU countries (Cyprus, Finland, Greece, Romania).

read more >

Erasmus+

The project has been funded with support from the European Commission. This publication reflects the views only of the author and the Commission cannot be held responsible for any use which may be made of the information contained therein. [Project Number: 606687-EPP-1-2018-2-CY-EPPKA3-PI-POLICY] Privacy Policy

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https://www.pbiseurope.org/en/

InterCap: www.developtogether.eu

Developing capacities together:

European CSO-university networks for global learning on migration, security and sustainable development in an interdependent world

- Community of Practice
- Practice-oriented projects
- Internships
- Teachers' Workshops
- International Trainings
- Mentor Partnerships

Curriculum for Development Education

Theatre for Living (T4L)

Philosophy for Children (P4C)

Open Spaces for Dialogue & Enquiry (OSDE)

Importance of Leadership

- Develop positive cultures to support all staff
- Maintaining **positive relationships** among staff
- Professional development – Connect school leaders
- Communication - School – parents' collaboration
- Scenario planning and crisis management
- Clarity in vision, objectives, and support staff and learners.
- Remote working – remote teaching
- Understand the role of technology in accelerating change
- Social presence - mental health & wellbeing
- Distributed leadership
  - (Harris & Jones 2020; Leithwood et al., 2020; Vrasidas et. al, 2020)

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Recommendations

Systemic Approach	Professional Development	Implementation
• Coordinating team • Strategic Planning • Legal framework • Planning for Periods of Emergency • Access to ICT • Ongoing research and evaluation	• Compulsory PD • Learning Design • Digital skills • Assessment • Targeted PD – subject • Parents training • Learner preparation	• Curriculum • Scheduling • Teacher collaboration • Teacher-parent • Educational resources • Digital Tools • Special education • Pre-primary education • Social aspect

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Related Projects

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- ARTSKUL
- BACKPACK ID
- CoDe
- DEHORS
- DEIMP
- Ed.G.E
- ELEVATION
- e-Mysteries
- EQuAM-M
- EUCiTEC
- GEM IN
- Global Walk
- HANDSON
- HOPEFUL
- iGUIDE
- IMAS
- MIELES
- EQUAMM
- ACTION
- IN2STEAM
- InterCap
- LUOVA
- MARG21
- MEDIS
- NEET SYSTEM
- ODISSEU
- SOCI@LL
- eProtect
- Steam It Up
- SWPBS
- TeaEdu4CT
- ViRAL Skills
- VRSight
- ACTIVE
- Building Social Bridges
- Efficient Parenting
- ENACTED
- ENTRADA
- EVOLVE
- FAMI
- IEUME
- PRISMA
- SELF-E
- Silver Service
- SYAT
- WE START
- WIRES-CROSSED
- YMB
- YouthShare
- Resilient Preschools
- AppHop
- CIRCULINK
- DigitALAD
- DIMA 2.0
- Ethical Digital Entrepreneurship
- GAME of PHONES
- GAME-CHANGER
- Gen-Z
- Health@Home
- INFLUENCERS
- InTraRed
- PiggyBank
- RoboGirls
- GenerationAI
- VAM*Rs

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