La preuve en éducation: sortir du débat “evidence-based” vs “evidence-informed” pour nourrir la prise de décision.

Prof. HEP, Dr Lionel Alvarez
01.09.2020

“Teaching has suffered both as (1) a profession in search of community respect and (2) as a force for improving the social capital […], because of its failure to adopt the results of empirical research as the major determinant of its practice”.


Evidence-informed practice
Pratiques fondées sur les preuves
Pratiques probantes
Interventions scientifiquement fondées
Traitements validés sur le plan empirique

Evidence-based practice
Nursing sciences
Social sciences
Psychology
Special education
...
Effective Programs in Elementary Mathematics: A Best-Evidence Synthesis

Marta Pellegrini
University of Florence
Cynthia Lake
Amanda Imms
Robert E. Slavin
Johns Hopkins University

October, 2018

61 programs in grades k-5. The studies were very high in quality. Particularly positive outcomes were found for tutoring programs. One-to-one and one-to-small group models had equal impacts.

Evidence-based practice


Tutor Trust: Affordable Primary Tuition Evaluation report and executive summary November 2018

Independent evaluations:
Carrie D. Thompson, Amy Bel, Elizabeth Coleman, Louise Della, Caroline Faircloth, Louise Galvache, Catherine E. Norris, David J. Pergor

Difficultés en maths

12h (1h par semaine)

Progrès: 3 mois

Clinical judgment

Evidence-based practice

...the **conscientious**, **explicit**, and **judicious** use of current best evidence in making decisions.

...a guide that must be **used wisely** with practice-based evidence.

...to ensure that future **research** on education meets the criteria of scientific validity [...] and practical relevance.

However, EBPs are **not a panacea**, and considerable and fundamental work remains to be done [...] to meaningfully improve outcomes.
Evidence-based practice ≠ Evidence-based implementation ≠ Facilitating context = Significant results

Implementation SCIENCE

"a desire to address challenges associated with the use of research"

"is defined as the scientific study of methods to promote the systematic uptake of research findings and other EBPs into routine practice"


https://nirn.fpg.unc.edu/learn-implementation/measures


Adapt

Adopt

Fidelity
Description de l’intervention
Check-list de la fidélité
Modelage
Feedback sur les performances
Planification
Session de Q&A
Raisons/motivations
Manuel
Jeux de rôles
Auto-évaluations
Groupe de travail

Proposition d’élargissement du paradigme réflexif

Réflexivité, si:
1. absence de EBP
2. implémentation de EBP
In the lab

In reality

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