
PXL

Introduction

Implementation science is commonly defined as the study of methods and strategies to promote the uptake of interventions that have proven effective into routine practice, with the aim of improving population health. Implementation science therefore examines what works, for whom and under what circumstances, and how interventions can be adapted and scaled up in ways that are accessible and equitable.

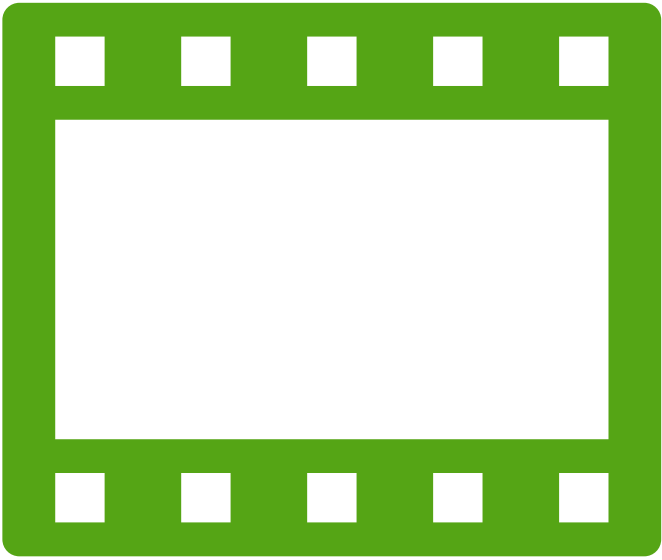
A commonly used definition of implementation research is that it is "*the scientific study of methods to promote the systematic uptake of research findings and other evidence-based practices into routine practice, and, hence, to improve the quality and effectiveness of health services and care*" (Eccles/Mittman 2006)

To get you further familiarised with implementation science we have selected the following learning activities for you.


DONE!

LEARNING ACTIVITY

Watch the following video (0:54 min):	Implementation Science
Read the following paper(s):	Bauer, M.S., Damschroder, L., Hagedorn, H. et al. An introduction to implementation science for the non-specialist. *BMC Psychol, 2015,*3:32. doi:10.1186/s40359-015-0089-9
	Eccles MP, Mittman BS. Welcome to Implementation Science. *Implement Sci*. 2006;1:1. doi:10.1186/1748-5908-1-1



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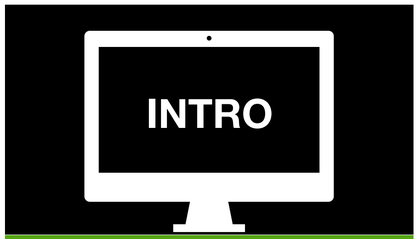
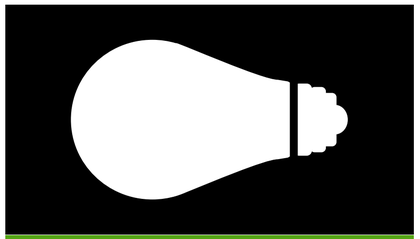
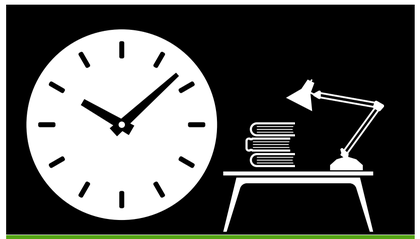


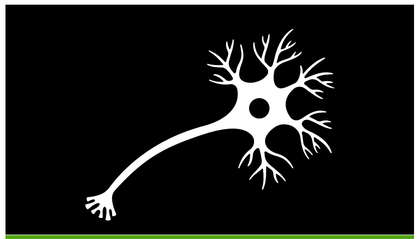
INTRODUCTION



INSIGHTS



ASSIGNMENT



REFLECTION

Insights

Why is implementation science needed?

Implementation science is trying to address the significant knowledge gap between interventions that research has shown to be effective and their delivery to communities and translation into practice, particularly in low- and middle-income countries. Implementation research is needed to account for the complexities of the systems in which interventions are implemented since other approaches often fail to address these. Results of implementation research will support evidence-based policymaking that can build robust programmes to improve public health. The following learning activity is an example how implementation science can help to improve educational interventions.

LEARNING ACTIVITY	
Read the following artikel(s)	Moir, T. (2018). Why Is Implementation Science Important for Intervention Design and Evaluation Within Educational Settings? *Frontiers in Education*, *3*, 681–9. http://doi.org/10.3389/feduc.2018.00061

DONE!