EDU-RESEARCH #1

SOME OF THE MOST INFLUENTIAL ARTICLES, VIDEOS AND RESOURCES

BARAK ROSENSHINE

ROSENSHINE'S PRINCIPLES OF INSTRUCTION

In 2010, Rosenshine formulated ten key principles, which he argued underpin any effective approach to instructional teaching.

DOWNLOAD: https://t.co/EuGj4Yg3iT

JOHN SWELLER
Clark & Kirschner

PUTTING STUDENTS ON THE PATH TO LEARNING

This article outlines why teachers should provide students with explicit instruction rather than helping them "discover knowledge themselves."

DOWNLOAD: https://bit.ly/3NvIQcx

POOJA AGARWAL

THE RETRIEVALPRACTICE.ORG WEBSITE

A hub of research, resources, and teaching strategies based on the science of learning. It includes a range of downloadable free guides and resources.

DOWNLOAD: https://bit.ly/43VWyee

JOHN DUNLOSKY

STRENGTHENING THE STUDENT TOOLBOX

In this article, Dunlosky expands on the most effective learning strategies and how they can be used to improve students' retention of material.

DOWNLOAD: https://bit.ly/3NBlwKH

DANIEL WILLINGHAM

WHY DON'T STUDENTS LIKE SCHOOL? ARTICLE

Preceding his book of the same name, Willingam's article outlines how teachers can set the right cognitive conditions to get students to think.

DOWNLOAD: https://bit.ly/3Xb0gOS

LOGAN FIORELLA
& Richard E. Mayer

LEARNING AS A GENERATIVE ACTIVITY

Fiorella and Mayer's paper on eight evidence-based learning strategies that promote understanding written in a practical way useful for teachers.

DOWNLOAD: https://bit.ly/3Nbb6zL

ROBERT BJORK

BJORK'S LEARNING & MEMORY WEBSITE

A webpage from Bjork's website about learning and memory performance in relation to principles of cognitive science. Includes YouTube interviews.

READ & WATCH: https://bit.ly/3XkdB7B

ROBERT COE
et al.

WHAT MAKES GREAT TEACHING?

An in-depth review on what makes effective teaching practices and an exploration of the kinds of frameworks and tools that can help teachers to capture it.

DOWNLOAD: https://bit.ly/3NBmIh8

DESIGNED BY JAMIE CLARK | @XPATEDUCATOR

EDU-RESEARCH #2

SOME OF THE MOST INFLUENTIAL ARTICLES, VIDEOS AND RESOURCES

THE EEF
The Education Endowment Foundation

METACOGNITION & SELF-GUIDANCE REPORT

In this report, Alex Quigley et al offer 7 evidence based recommendations to support teachers to develop metacognitive knowledge and skills in their students.

DOWNLOAD: https://bit.ly/42TBuEo

RON BERGER

AUSTIN'S BUTTERFLY

Berger's video Austin's Butterfly shows how drafting, modelling and producing excellent work can bring about transformational changes.

DOWNLOAD: https://bit.ly/3p9iHqF

ARTHUR SHIMAMURA

THE MARGE MODEL

In Arthur Shimamura's paper, he represents a model for how our brain works as we learn. The strategies are easily transferable and can be applied to teaching.

DOWNLOAD: https://bit.ly/44nThon

PAUL A. KIRSCHNER

WHY MINIMAL GUIDANCE DOES NOT WORK

In the article 'Why Minimal Guidance During Instruction Does Not Work', Kirschner et al explain why explicit instruction works over more constructivist pedagogies.

DOWNLOAD: https://bit.ly/3PiqzAX

DYLAN WILIAM

ASSESSMENT: THE BRIDGE BETWEEN T&L

In his article, 'Assessment: The Bridge between Teaching and Learning', Wiliam explains his main formative assessment strategies.

DOWNLOAD: https://bit.ly/46696Bv

THE LEARNING SCIENTISTS

THE LEARNING SCIENTISTS WEBSITE

This website makes scientific research on learning more accessible to all. It contains materials based on the Six Strategies for Effective Learning.

DOWNLOAD: https://bit.ly/3Nbtn04

RUTH COLVIN CLARK

GIVE YOUR TRAINING A VISUAL BOOST

In this short and practical article, Clark explains how instructional graphics can be used visually to illustrate content that students need to learn.

DOWNLOAD: https://bit.ly/3p6v72D

GREAT TEACHING TOOLKIT
Robert Coe et al.

EVIDENCE REVIEW

A review of the evidence about great teaching that provides a clear and comprehensive summary for teachers on how they can improve their teaching.

DOWNLOAD: https://bit.ly/3NK1j5v