

# EdTechnica:

Open Educational Resource  
Open Educational Practice

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With help from the  
EdTechnica Editorial Board

Hello!

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## Overview

1. About EdTechnica
2. Open Educational Resource
3. Tangent: Five Spaces for Design in Education
4. OER → Open Educational Practice
5. Get Involved!

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# 1. About EdTechnica

*<https://edtechbooks.org/encyclopedia>*

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*Anadolu University*

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- Google Scholar Indexed
- International, Inclusive, Collaborative, and Representative



# PICRAT

## The PICRAT Technology Integration Model

Royce Kimmons, Darren Edgar Draper, & Joe Backman

0:00 / 0:00

PICRAT is a technology integration model for teacher education intended to assist teachers in improving their classroom practices. PICRAT (Kimmons et al., 2020; see Figure 1) has two parts representing two guiding questions: PIC and RAT. The PIC part responds to the question "What is the student's relationship to the technology" with one of three responses: Passive, Interactive, or Creative. The RAT (Hughes et al., 2006) part responds to the question "How is the use of technology influencing the teacher's existing practice" with one of three responses: Replacement, Amplification, or Transformation. Answers to these two questions are organized into a 3x3 visual matrix (with PR on the bottom left and CT on the top-right; see Figure 1). Practices are interpreted hierarchically with more active, more effective, and better-justified classroom technology practices generally occurring at the top-right of the matrix.

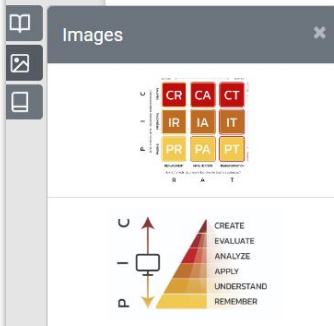
Keywords: [PICRAT](#), [Teacher Education](#), [Technology Integration](#), [Technology Integration Model](#), [Transformation](#)

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Keywords: [PICRAT](#), [Teacher Education](#), [Technology Integration](#), [Technology Integration Model](#), [Transformation](#)

Because technologies are always changing and educational contexts vary so greatly from one another, teacher educators and professional development providers need tools to train teachers that are simple, flexible, and practical while guiding educators in self-improvement through reflective practice. PICRAT is a framework to help teachers and teacher education students to be self-reflective in their technology integration practices and to engage in learning activities that are more interactive and creative for students while amplifying or transforming their own practices (Kimmons et al., 2020). The PIC part of the matrix

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## 2. Open Educational Resource

**Retain**


**Reuse**

**Revise**


**Remix**

**Redistribute**


Based on Wiley, 2014


EdTechnica


5 minutesEnglish



Chapter download options

  
**Mobile PDF**  
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Editable Document

Decision-based learning (DBL) is a teaching method that organizes instruction around the conditional knowledge that experts use to make decisions. This approach unpacks how experts function in the domain and lays a necessary foundation for understanding and applying underlying theories of the discipline.

Keywords: Conditional Knowledge, Expert Blind Spot, Functional Expertise, Instructional Design, Pedagogical Method, Schema Building

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*Retain, Reuse*

## End-of-Chapter Survey

Overall Quality: How would you rate the overall quality of this chapter?

☐ Very Low Quality

☐ Low Quality

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☐ High Quality

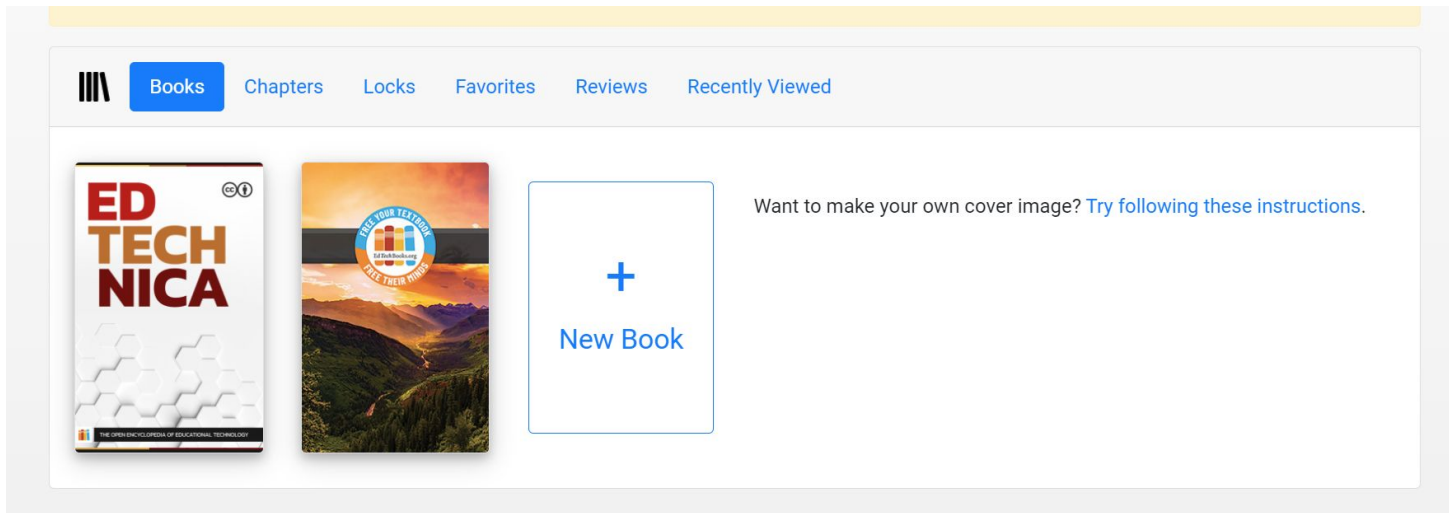
☐ Very High Quality

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*Revise*



*Remix, Redistribute*

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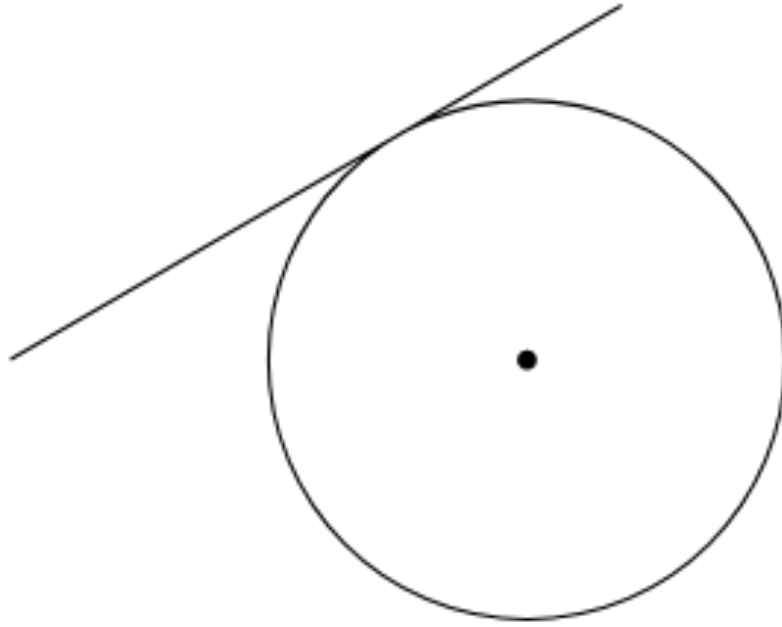


*Realizing the promise of OER is as much  
through the development of innovative  
social practice as through development  
of new content*

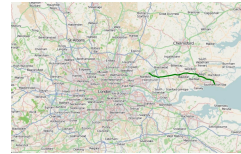


*Realizing the promise of OER is as much  
through the development of innovative  
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### 3. Tangent: Five Spaces for Design in Education

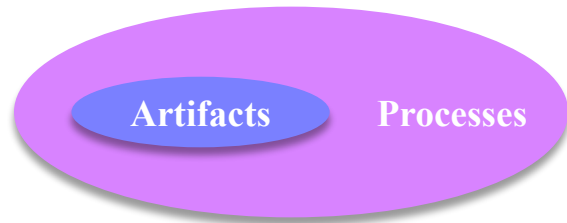


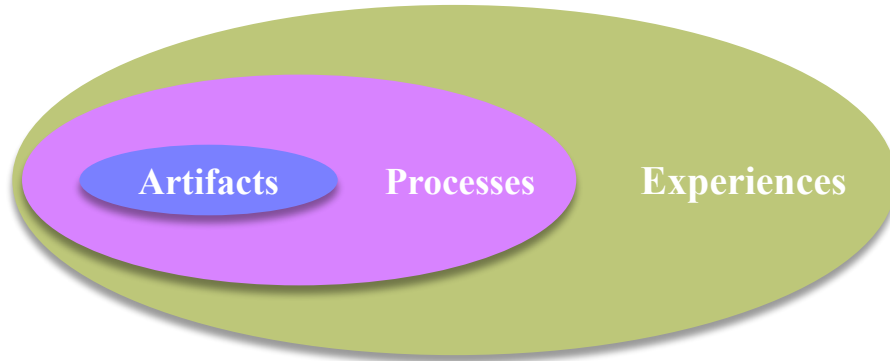
# (Almost) Everything is Designed

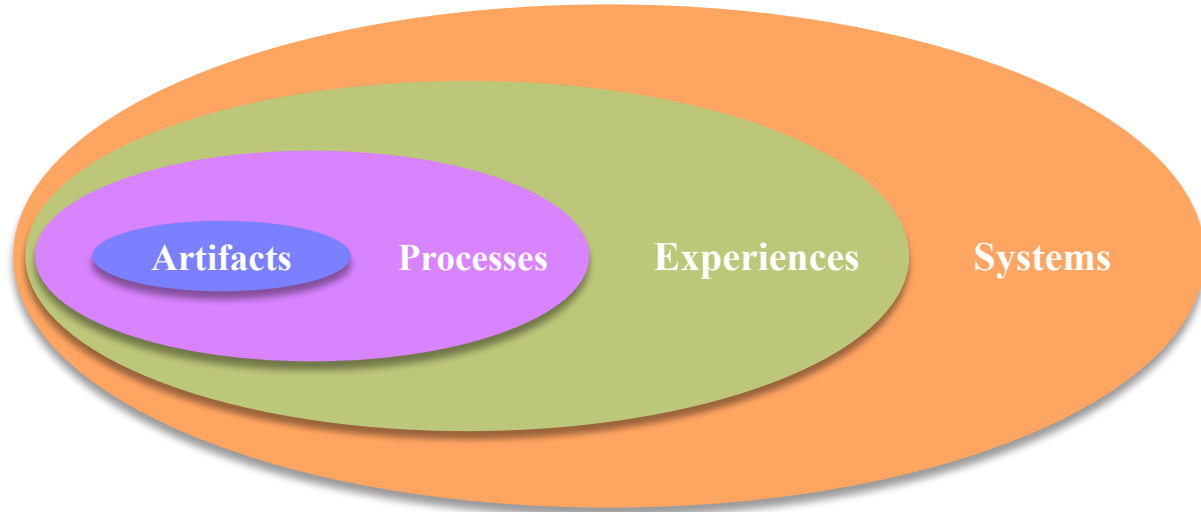




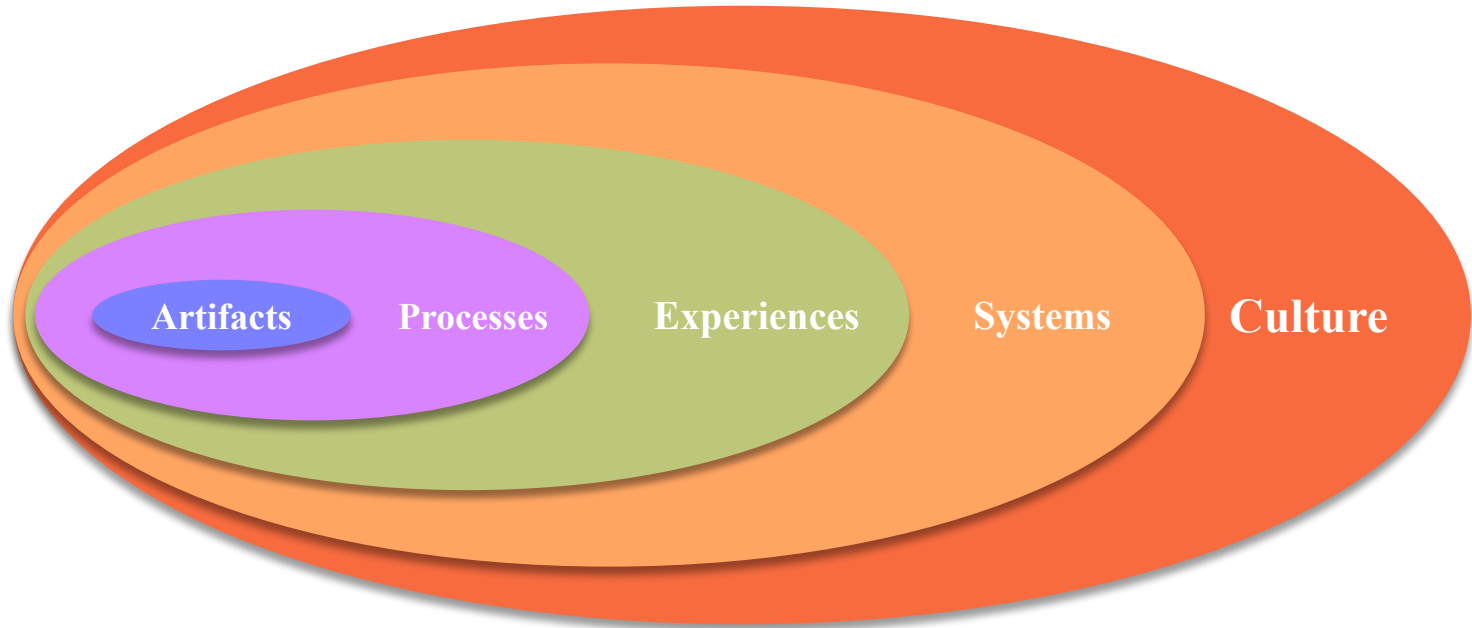
Artifacts











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## 4. OER → Open Educational Practice

# EdTechnica as a(n Open) Design

## Artifact



## Process, Experience, System

Call for Proposals

Scope

Organizational Structure

Author Guide

Graphics and Styling

Submit a Manuscript

Reviewer Guide

Publishing and Peer Review Process

Student Internships

Policy Information

**“Openness”**

**Accessibility**

**Flexibility**

**Diversity**

## OER: Open Educational Resource

**Accessibility**

**Flexibility**

**Diversity**

## OER: Open Educational Resource

**Accessibility**

**Flexibility**

**Diversity**

- Free
- Print, download
- Text-to-speech
- Simple language
- Translations

## OEP: Open Educational Practice

### **Accessibility**

- Open authorship
- Editorial support

### **Flexibility**

### **Diversity**



## OER: Open Educational Resource

**Accessibility**

- Ongoing edits and revisions

**Flexibility**

**Diversity**

## OER: Open Educational Resource

**Accessibility**

- Choose what you write, when, how
- Revision processes

**Flexibility**

**Diversity**

## OER: Open Educational Resource

### **Accessibility**

- Translations
- Text-to-Voice

### **Flexibility**

### **Diversity**

## OER: Open Educational Resource

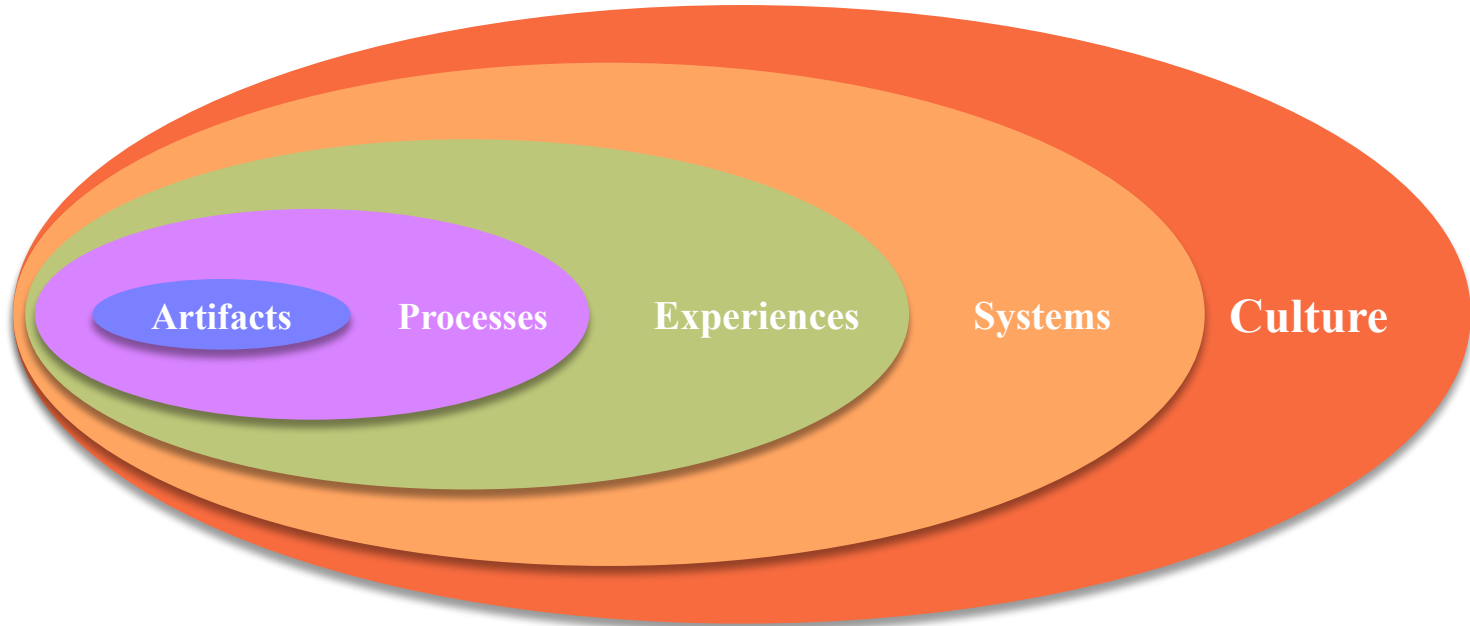
### **Accessibility**

- Diversity in editorial board
- Recruiting diverse authors
- Goal: multi-lingual

### **Flexibility**

### **Diversity**

## How can we build an Open Culture?



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## 5. Get Involved!

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