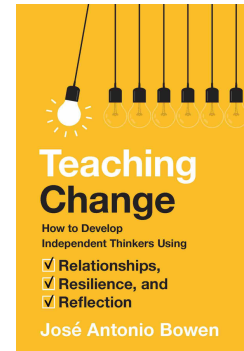


Teaching Change

José Antonio Bowen

The human brain is not a computer: content is not enough.
SMART is the ability to change your mind.
Education is preparation for the unknown.
Curriculum and disciplinary breadth are like a toolbox.
A New 3Rs: Relationships, Resilience and Reflection



INTRINSIC MOTIVATION & EFFORT

- | | | |
|--|----------------------------|---------------|
| • Salience Detection | Engagement - I CARE | RELATIONSHIPS |
| • Relevant & Worthwhile | | |
| • Purpose & Meaning increase Performance | | |
| • Attention Control | Optimism - I CAN | RESILIENCE |
| • Competency & Mastery | | |
| • Optimal Challenge = Pleasantly Frustrating | | |
| • Variety | | |
| • Autonomy | Agency - I MATTER | REFLECTION |
| • Choice, Self-Determination & Growth | | |
| • Feedback & Supportive Communication | | |

How to make the BIG picture visible: Build a Cathedral
Better, Shorter and More Efficient Assignments

WHY are we doing this? (goal & how it connects to learning outcomes)

CLARITY around expectations (how long & how should this time be divided?)

CHECKLIST of the parts (do I think, research, write, draft, edit?)

SPACING and Interleaving: (can I do this all in one sitting?)

RUBRIC in advance (what matters and is most valuable)

RELEVANCE and the motivation of better examples

WHERE should I do this and with whom?

BOTH High Standards + High Care

Herzberg (1959) Two-Factor Motivation Theory; Bain (2004) What the Best College Teachers Do
Celia Ann Evans (2020) Expectation and Compassion

TRANSPARENCY

Targeted Universalism (John A. Powell)

Maximize Clarity: Make visible your own assumptions, biases and expectations

The benefits of Office Hours

Jeremy L. Hsu, et al (20, Sep, 2022) Student Motivations and Barriers toward Online and In-Person Office Hours in STEM Courses. *CBE-Life Sciences Education* 21/4.

Templates: www.teachnaked.com (under "Borrow")

BELONGING

Resilience is limited

Demonstrate Caring

- Introduction Video
- Learn names and pronouns
- Articulate difficulty
- Encourage Persistence
- Pre-Class Survey
- Arrive Early and Stay Late
- Personal Messages
- Ask for early feedback

eCommunication Policy – A Clear Invitation

The best way to contact me is: _____ (email/FB/LinkedIn/text)

I will respond to (email/FB chat/text messages etc.) within _____ hours,
except on ___ or between _____ (9pm and 9am etc.)

I am available online (email/FB/Zoom/LinkedIn) on ___ days and also available for _____

If you want an individual (physical/Zoom/Skype/chat) appointment _____ (how?)

Framing Matters

TONE: I look forward to helping and supporting you outside of class too!

TITLE: Student office hours, student success hours, hangout time

WHY: Examples of why students might visit your office hours.

LOCATION: Virtual but perhaps in an open space (with coffee)

EXPECTATIONS: regarding email or other contact by students

Bhargava, Saurabh, and Dayanand Manoli (2015) "Psychological Frictions and the Incomplete Take-Up of Social Benefits: Evidence from an IRS Field Experiment." *American Economic Review*, 105 (11): 3489-3529.

SCAFFOLDING

The Future is Blended: Educause 2022 Students and Technology Report (J. Robert, Oct 2022)

Backchannels in F2F Classrooms

Attendance

Carol E. Holstead (2022, Sep 1) Why Students Are Skipping Class So Often, and How to Bring Them Back. *Chronicle of Higher Ed*.

Structure + Flexibility

Study Scaffolding

Find template at <https://teachingnaked.com/study-smarter/> (under "Borrow")

Customize study habits and time on task framework

Reflect: How much time did you need to get the grade you want?

Choose Strategies: Which resources and activities will be most useful

Plan & Implementation: What will you do when and where?

Adjust & Revise: What worked the best? What will you do differently?

MODEL CHANGE = Cognitive Coaching

Save 30% on books!

Teaching Change: How to Develop Independent Thinkers Using Relationships, Resilience, and Reflection
Code HTWN at [JHUP https://jhupbooks.press.jhu.edu/title/teaching-change](https://jhupbooks.press.jhu.edu/title/teaching-change) and

Teaching Naked: How Removing Technology from your College Classroom will Improve Student Learning

Teaching Naked Techniques: A Practical Guide to Designing Better Classes with C. Edward Watson
Code TNT30 for any Teaching Naked book at [Wiley](https://www.wiley.com)