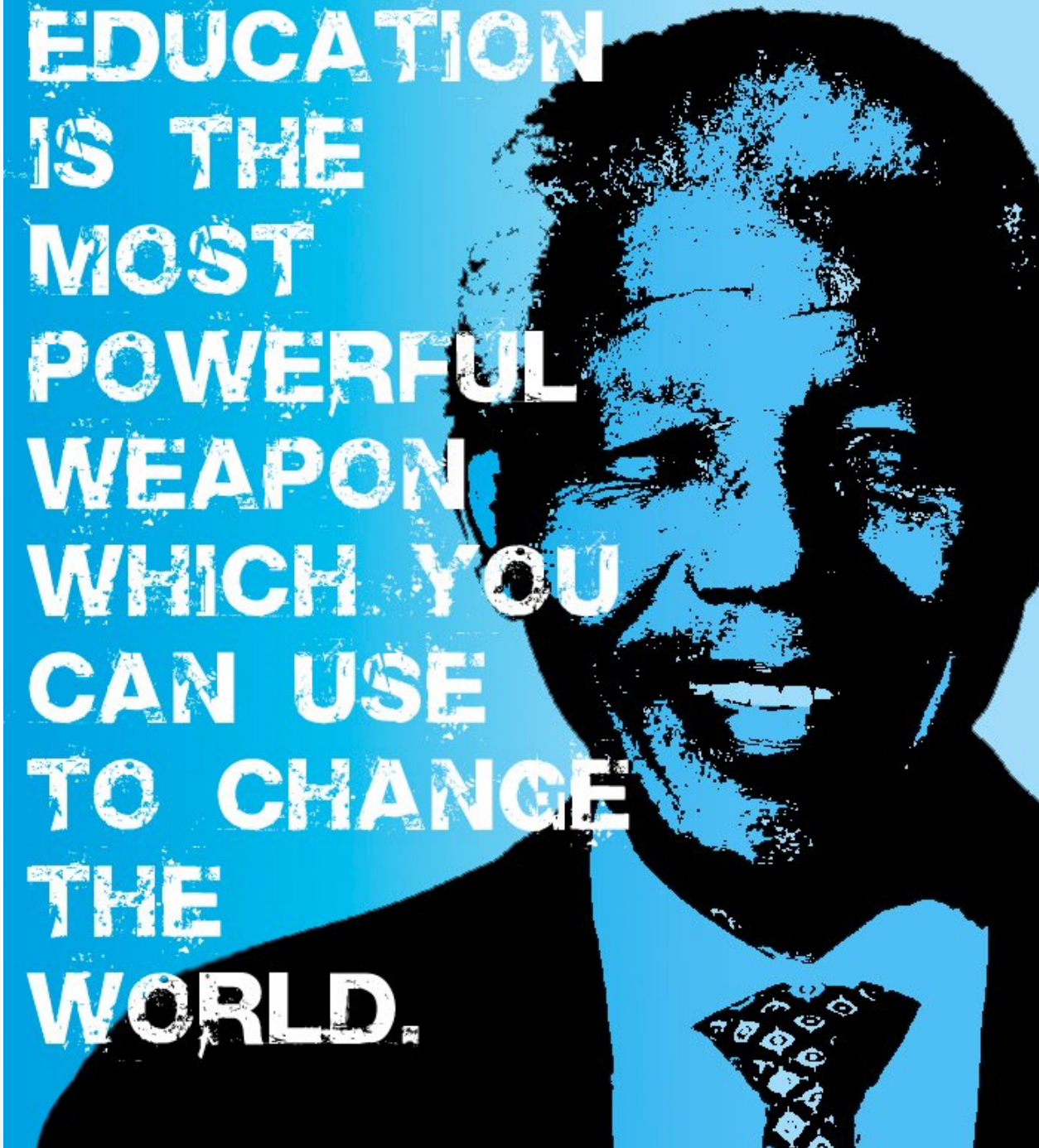


# EDUCATION: *The orthopaedic surgeon*

Val d'isère 2016  
Jean Louis Prudhon



**EDUCATION  
IS THE  
MOST  
POWERFUL  
WEAPON  
WHICH YOU  
CAN USE  
TO CHANGE  
THE  
WORLD.**





**WIKIPEDIA**  
*The Free Encyclopedia*



# EDUCATION

EDUCATION is the process of facilitating learning, or the acquisition of knowledge, skills, values, beliefs, and habits .

Educational methods include storytelling, discussion, teaching, training, and directed research.

Education frequently takes place under the guidance of educators, but learners must also educate themselves.

Education can take place in formal or informal settings and any experience that has a formative effect on the way one thinks, feels, or acts may be considered educational.

# EDUCATION: 2 foundations

LEARNING

BEHAVIOUR





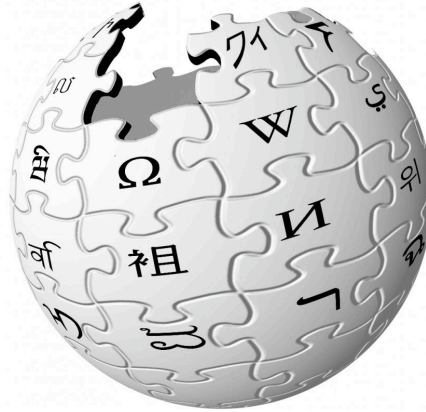
# LEARNING







**WIKIPEDIA**  
*The Free Encyclopedia*



# EDUCATION

EDUCATION is the process of facilitating learning, or the acquisition of knowledge, skills, values, beliefs, and habits .

Educational methods include storytelling, discussion, teaching, training, and directed research.

**Education frequently takes place under the guidance of educators, but learners must also educate themselves.**

Education can take place in formal or informal settings and any experience that has a formative effect on the way one thinks, feels, or acts may be considered educational.







New medical school in Montpellier  
Issue : train 7 500 students on a modern site without turning the  
back to history.





**WIKIPEDIA**  
*The Free Encyclopedia*



# EDUCATION

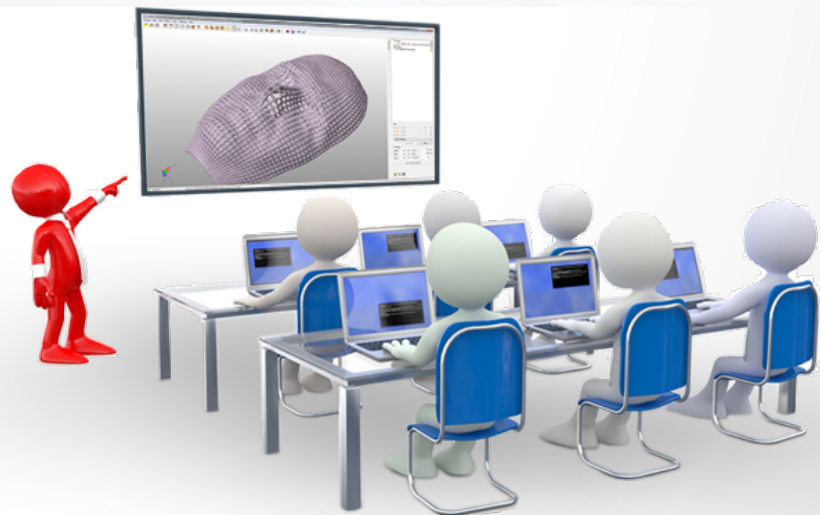
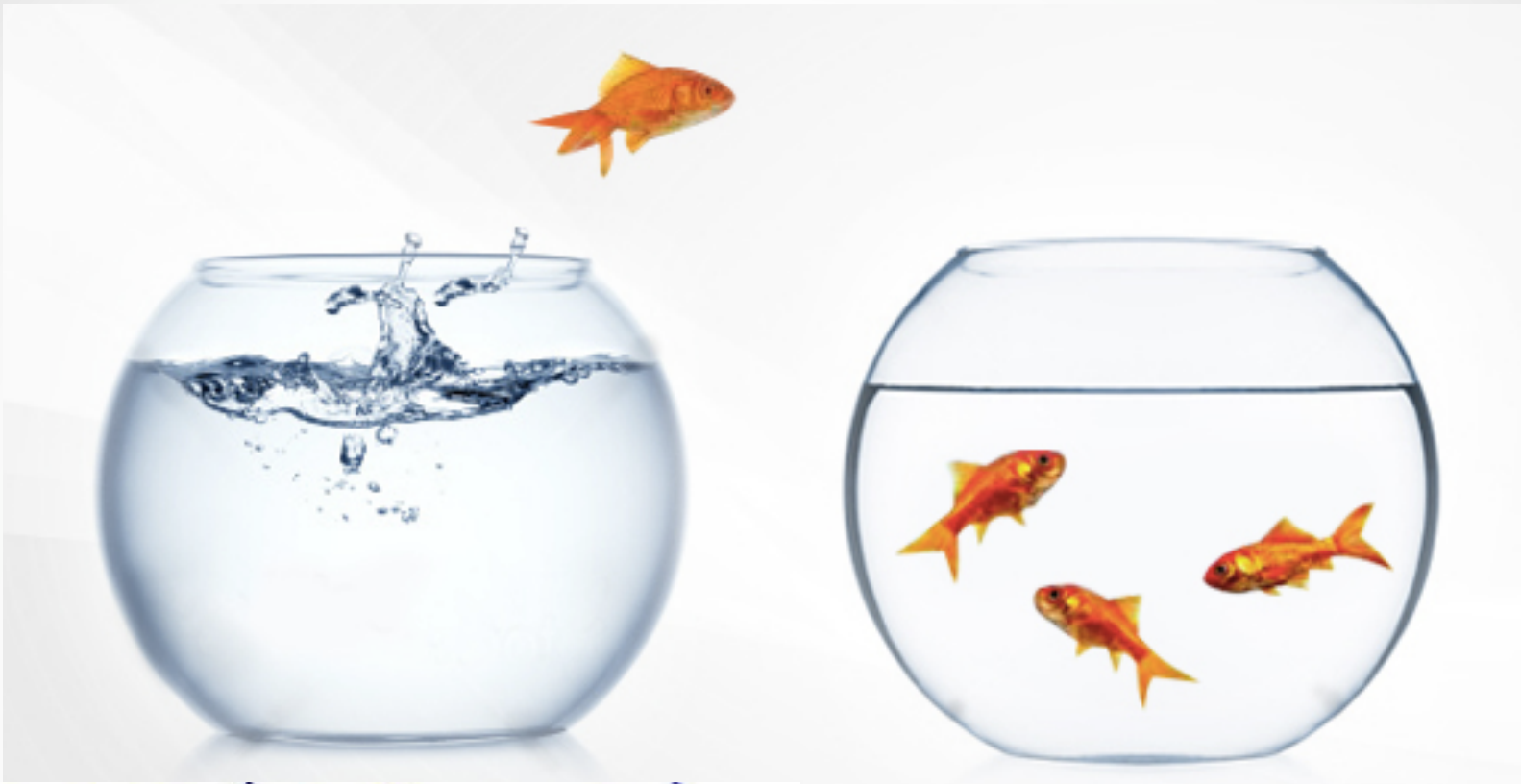
EDUCATION is the process of facilitating learning, or the acquisition of knowledge, skills, values, beliefs, and habits .

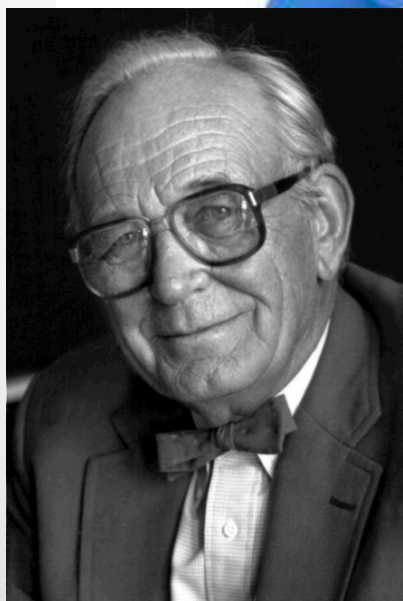
**Educational methods include storytelling, discussion, teaching, training, and directed research.**

Education frequently takes place under the guidance of educators, but learners must also educate themselves.

Education can take place in formal or informal settings and any experience that has a formative effect on the way one thinks, feels, or acts may be considered educational.









# EDUCATION: 2 foundations

LEARNING

BEHAVIOUR





# Decision making



Success is not final, failure is not fatal: it is the courage to continue that counts.

Success consists of going from failure to failure without loss of enthusiasm.

Attitude is a little thing that makes a big difference.



[Winston Churchill](#)

EN  
VY

IF YOU  
DON'T GO  
AFTER WHAT  
YOU WANT,  
YOU'LL NEVER  
HAVE IT.

KUSHANDWIZDOM

EXPERI  
ENCE

MISTAKES  
HAVE THE  
POWER TO  
TURN YOU  
INTO  
SOMETHING  
BETTER THAN  
YOU WERE  
BEFORE.

KUSHANDWIZDOM



++

# A story to conclude

Skill



0

consciousness

++

Acad Med. 2004 May;79(5):386-93.

## **Exploring the gap between knowledge and behavior: a qualitative study of clinician action following an educational intervention.**

[Kennedy T1, Regehr G, Rosenfield J, Roberts SW, Lingard L.](#)

### **Abstract**

#### **PURPOSE:**

Many medical education interventions improve clinicians' knowledge but fail to change behavior. The authors exposed this knowledge-behavior gap through standardized clinical interactions, thus allowing in-depth exploration of the contributing factors.

#### **METHOD:**

A typical evidence-based educational intervention in one clinical domain (early signs of autism) was administered to family medicine residents at the University of Toronto in 2001-02, and change in knowledge was assessed through a multiple-choice test. Six to eight weeks later, participants' relevant knowledge was documented, and their clinical behavior was observed during four interactions with standardized patients. Factors producing a knowledge-behavior discrepancy were then explored using semistructured interviews, which were audiotaped, transcribed, and analyzed using grounded theory methods.

#### **RESULTS:**

Half of participants demonstrated varying degrees of knowledge-behavior gap. Eight main rationalizations (relationships, patient agenda, knowledge deficit, clinical style, means to an end, ideals, autism stigma, and systems barriers) were used to justify choices of clinical behavior, and the same rationalizations were used to justify opposite choices of behavior. Two conditions that promote clinical action based on knowledge (level of certainty and sense of urgency) were identified.

#### **CONCLUSION:**

The knowledge-behavior gap was exposed and factors reported to influence clinicians' decisions about whether to implement new knowledge were elicited. That identical rationalizations were used to justify opposite behaviors implies these factors may not be behavioral determinants. Sense of urgency and level of certainty promote clinical action based on knowledge; focusing on these may increase the impact of education on practice.

PMID: 15107277 [PubMed - indexed for MEDLINE]



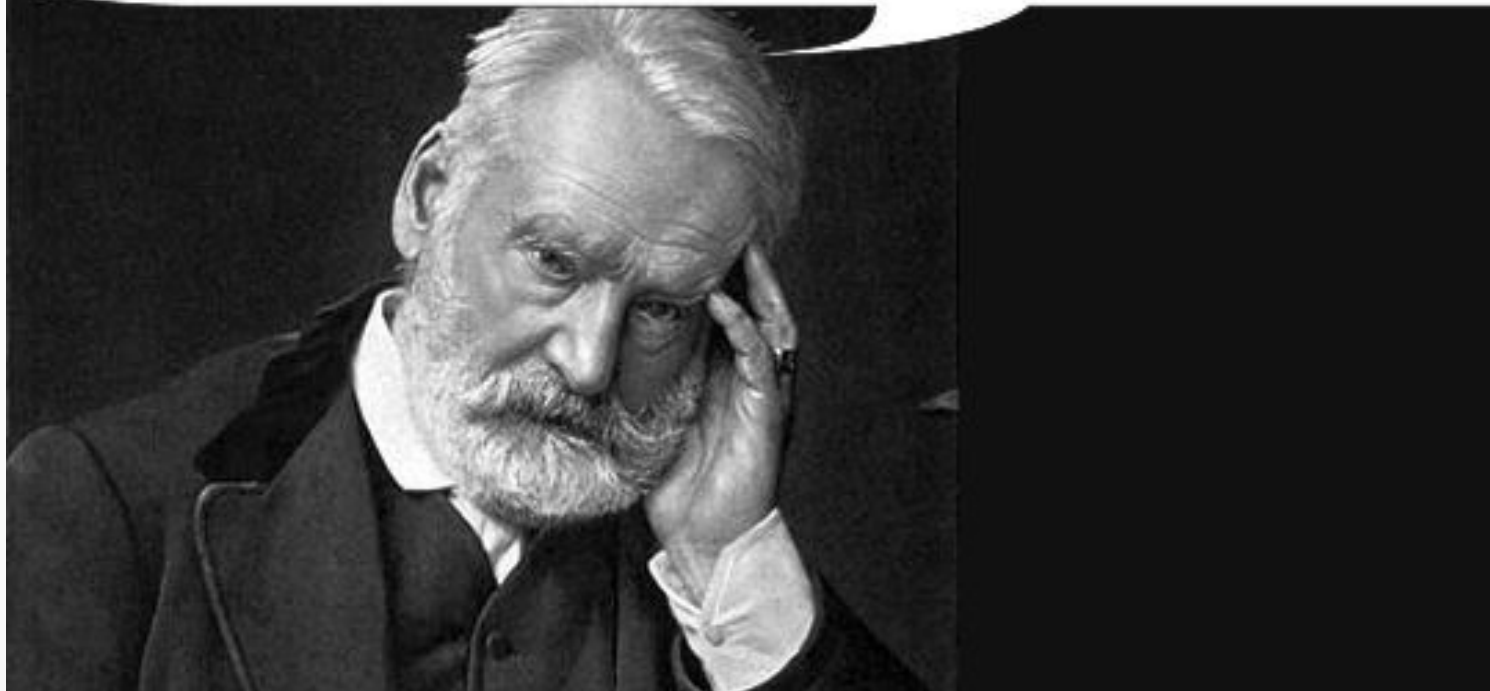
Many thanks for your kind attention







**La liberté commence où l'ignorance finit**





**MISTAKES  
HAVE THE  
POWER TO  
TURN YOU  
INTO  
SOMETHING  
BETTER THAN  
YOU WERE  
BEFORE.**

**KUSHANDWIZDOM**

A motivational poster featuring a city skyline at night with lights reflecting on the water. The text is in large, bold, white capital letters. The poster is set against a light gray background.

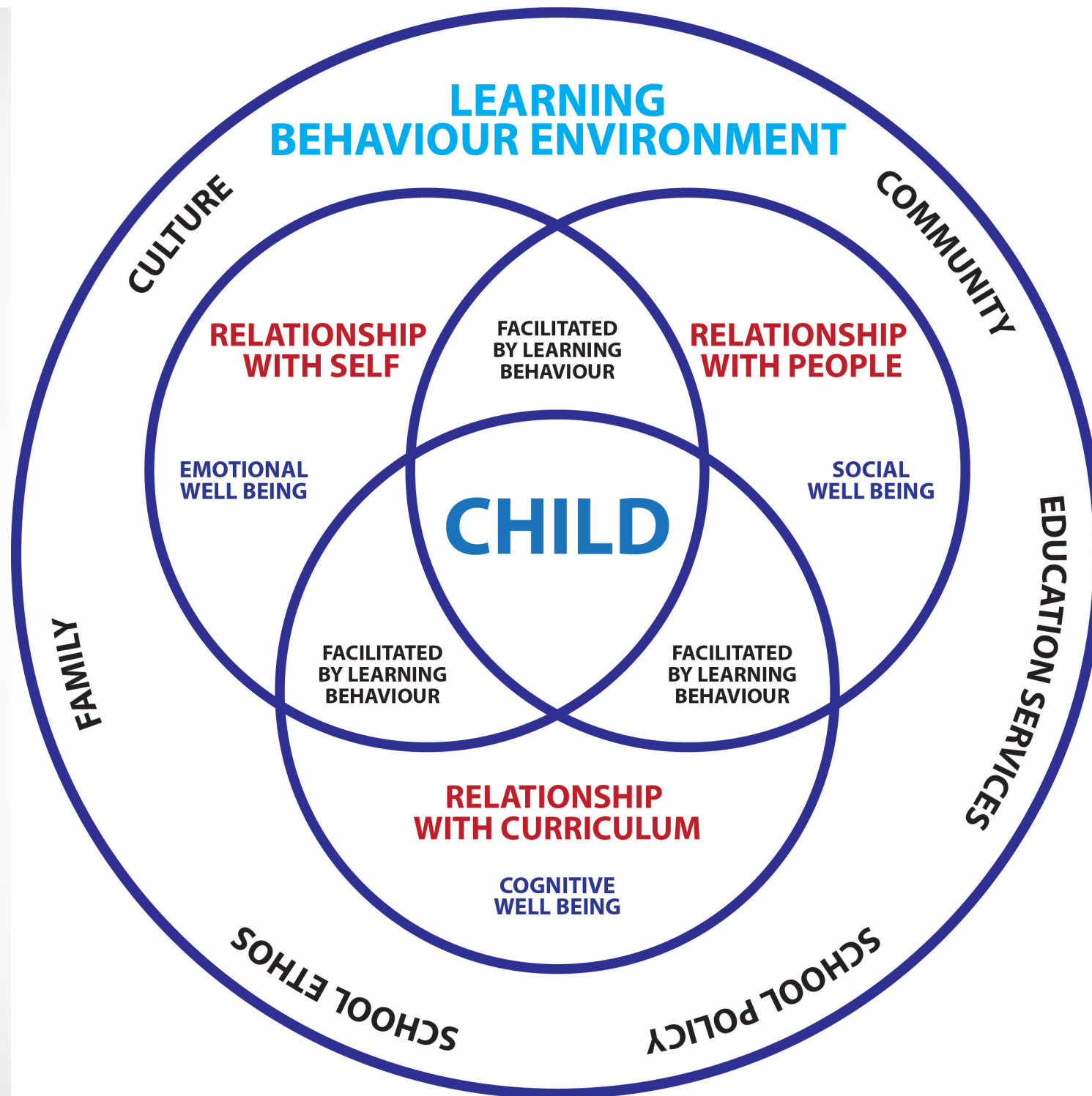
**SUCCESS  
DOESN'T JUST  
COME AND  
FIND YOU,  
YOU HAVE TO  
GO OUT  
AND GET IT.**



Education

Knowledge

behaviour



## 7 Steps to Behaviour Change



Robinson 1998















