



*THE*  
**FUTURE OF**  
**LEARNING**  
*ALPHABET*

*THE*  
**FUTURE** *OF*  
**LEARNING**  
*ALPHABET*

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# A

**Accelerated** *learning*

**Access**

**Adaptive** *teaching*

**Algorithmic** *learning*

**Analytics** *of emotions*

**Anytime**

**Apps for** *learning*

**Augmented** *learning*

LEARN



JCHCAST



I'm Naren

Total immersion

PAELLA

I'm Naren

I'm Naren

I'm Naren  
SENSORIAL

I'm Naren

I'm Naren  
BITE SIZE

ANNA QUESADA LEJARAZU



# B

**Badges** for learning

**Big** data

**Bite-Sized** learning

**Blended** learning

**Blockchain** learning

**Bricolage**

**Bring** your own device







C

**Chief** *learning officer*

**Chief** *listening officer*

**Content** *commons*

**Content** *curation*

**Context** *based learning*

**Complexity** *adaptive thinking*

**Computational** *learning*

**Cognitive** *load management*

**Cross-over** *learning*

**Crowd** *learning*

**Customized** *learning*







Raising standards  
of education



D

**Design** *mindset*  
**Distributed** *learning*  
**Divergence**





EMBEDDED  
&  
EMBODIED

A hand-drawn illustration on a light-colored background. A purple-bordered sign with a double-line border is tilted. Inside the sign, the words 'EMBEDDED' and 'EMBODIED' are written in a bold, black, sans-serif font, separated by a cursive ampersand '&'. To the right of the sign, a simple stick figure is shown in a dynamic, jumping pose. The figure is surrounded by several purple, teardrop-shaped fragments that appear to be falling or flying outwards. Below the sign and figure, the words 'AUGMENTED REALITY' are written in a purple, hand-drawn, sans-serif font. The overall style is sketchy and artistic.

AUGMENTED  
REALITY



E

**Embodied** *learning*  
**Evidence-based** *learning*  
**Everywhere**  
**Event-based** *learning*  
**Expertise** on demand  
**Extended** humans



LACK OF  
career guidance  
for youth in  
early stage

shortage of  
'decent' jobs

No Data Base  
available on  
Work oppor

1 million jobs  
year

Unemployment  
15.7m  
38.1% female

Population  
Growth  
2m / annum

Market need

Education of  
Dismatch

There is no  
match between  
Education &  
Work needs

Current  
child labourers  
will be  
future low employed  
(Lack of skills)

There is lack of  
information about  
work opportunities  
needed or such  
Info

Lack of basic  
interpersonal  
skills

Weak  
Governance of Edu.

There is a gap  
between edu  
output & LM  
needs.

Demand & Supply  
mismatch

Skills gap  
exact numbers  
not available

Real unemployment  
is much  
higher than  
official figures

Lack of women  
participation in  
labour force

WOMEN PARTICIPATION  
IS  
LOW!

Women have less  
access to labour  
Market & micro  
credit

Gender inequality  
in pay

Gender inequality  
in pay

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Gender inequality  
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DR

# F

**Failure driven** learning  
**Flipped** classroom  
**Foresight** learning





GAI

Invo

GAMIFICATION 

Involve, engage, m

gamification



**G**

**Gamification**  
**Generative** *learning*  
**Geo** *learning*  
**Global** *learning*





EMERGED  
REALITY



(M) AUGMENTED  
REALITY  
NETWORKED  
SPACE IN  
ORGANIZATION

POSITIVE  
LEARNING

SECURITY

HUMAN  
+  
SOFTWARE  
SYMBIOSIS

UDACITY

"VIDEO  
TRAINING  
WITH  
ASSESSMENTS"



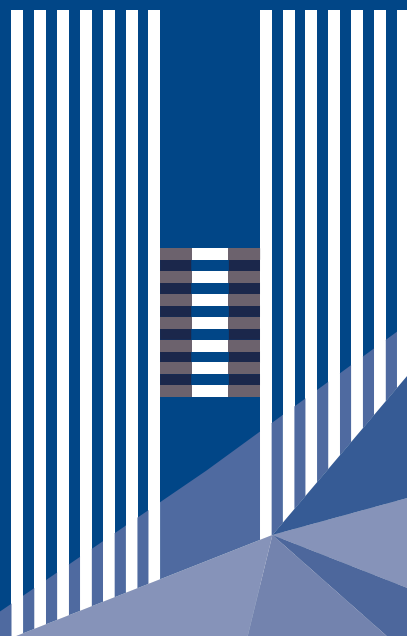
TRAIN  
HUMAN  
LIFE  
MACHINE





# H

**Hybrid** learning  
**Hacking** the mind  
**Human-software** symbiosis

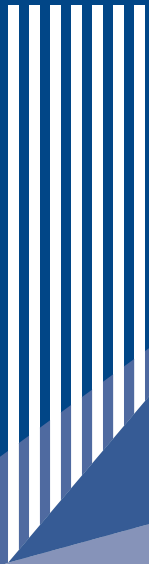






|

**Immersive** *learning*  
**Incidental** *learning*  
**Inclusion**  
**Informal** *learning*  
**Internet** *of things*





J

Jam  
Jazz  
Jigsaw  
Joy

**Just** in time *learning*







K

Knowledge  
Know-how  
Kaleidoscope





"I am always doing  
that which i can  
not do, in order that  
i may learn how  
to do it".

Pablo Picasso

L

**Lean** *learning*  
**Leapfrogging** old models  
**Learning** analytics  
**Learning** credentials  
**Learning** ecologies  
**Learning** to learn  
**Lifelong** *learning*



CHCAST





# M

**Machine** *learning*

**Maker** *culture*

**Media** *rich learning*

**Mentoring**

**Metanoia:** *a shift of mind*

**Micro** *learning*

**Mindfulness**

**Mobile** *learning*

**Moocs**







**N**

**Neuroscience** for *learning*  
**New media** literacy



on-line

multiplicity

the  
zone

learning

(continuous learning)

Co-creation  
of learning  
at speed

size  
learning



**Off-line** *learning*

**On the job** *learning*

**Out** of the box

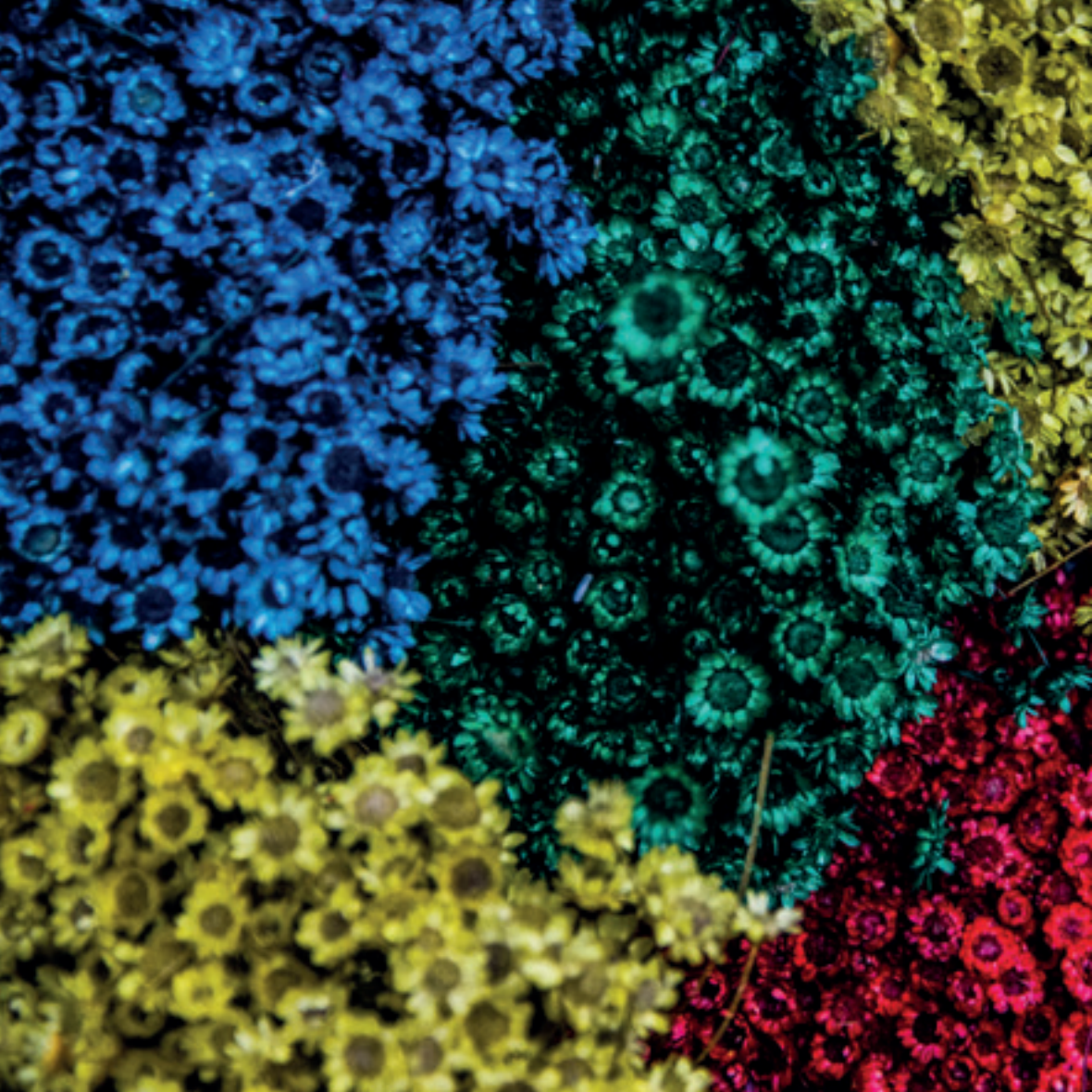
**Open** educational resources  
and practices

**Open** source

**Openness**









P

**Patterns**  
**Personalized** *learning*  
**Personal** *enquiry learning*  
**Podcasts**





**ASK MORE  
QUESTION**



Q

**Quantified** *learning*  
**Quantum** *learning*  
**Questions**



WE HAVE  
THE OBLIGATION  
TO DISSENT



**R**

**Rhizomatic** *learning*  
**Real-time** *learning*  
**Reputation** *based learning*  
**Rewiring** *learning*





"The only  
disc  
not in seek  
but

WELCOME TO  
ST FO  
CO



S

- Scaling up** learning
- Serendipity** learning
- Seamless** learning
- Simplicity**
- Social** intelligence
- Stealth** assessment
- Storytelling**



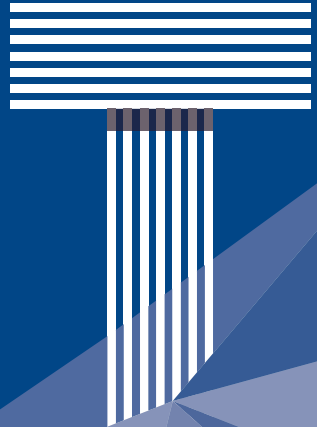






**T**

**Tactical learning**  
**Telepathy**  
**Trial-and-error**  
**Time**  
**Tinker**  
**Transfer**  
**Triangulation**  
**Transdisciplinarity**



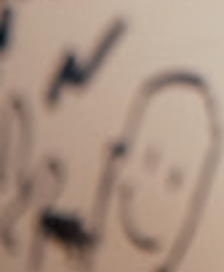


ARE SO  
ROBOTIC?



?

UNIQUE  
IN



BUT IT'S  
HARD

FUTURE  
THINKING  
IS NOT  
PREDICTI



U

**Ubiquitous** *learning*  
**Unintentional** *learning*  
**Uncertainty**  
**Unlearn**  
**Utopia**



# CREATE ARTIFACTS FROM THE FUTURE

1 FORECAST

Ray Bark Glasses

2 EXTREME CONSEQUENCES

3 WHERE DO YOU ENCOUNTER? OBJECTS? PLACES?

SHOPS ALL OVER  
THE COUNTRY

4 WHAT'S NEXT?

BE CONNECTED  
BE COOL

5 SKETCH YOUR ARTIFACT FROM THE FUTURE





**V**

**Virtual** reality  
**Video-based** *learning*  
**Virtual** collaboration  
**Vision**  
**VUCA**







W

Workplace *learning*  
Wicked questions  
World-Wide









X



THINK  
OUTSIDE  
OF THE  
BOX





Y

Yes is more







Z

Zen





**Concept:** *Tom Wambeke*

**Design and photography:** *Treevision*

*THE*  
**FUTURE** *OF*  
**LEARNING**  
*ALPHABET*

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If you want to explore *The Future of Learning*  
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International **Training** Centre