

CLIL & 21st Century Skills From Theory to Practice

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Internationalization
Innovation
Impact

Different Contexts
Different Histories
Shared Vision
Shared Aspirations



Students increasingly share a
Digital Culture

What we share in
Colombia, Finland,
and other countries

*An Educational Leap as big as
the Generation Leap*



Impact of Digital Culture is
Changing Mindsets

How young people
read, search for
information, apply
knowledge, identify
with themselves, and
the paths they take
to learn



Internationalization can only be
activated through English

In the old days we had
a few English speakers
who could manage
international affairs

Now, the world has
changed

Like so many
countries, Colombia
needs many speakers
of English

Subjunctive mood

I wish
I were in London
now.

I wish
I hadn't done it.

- In a silo

Language Learning



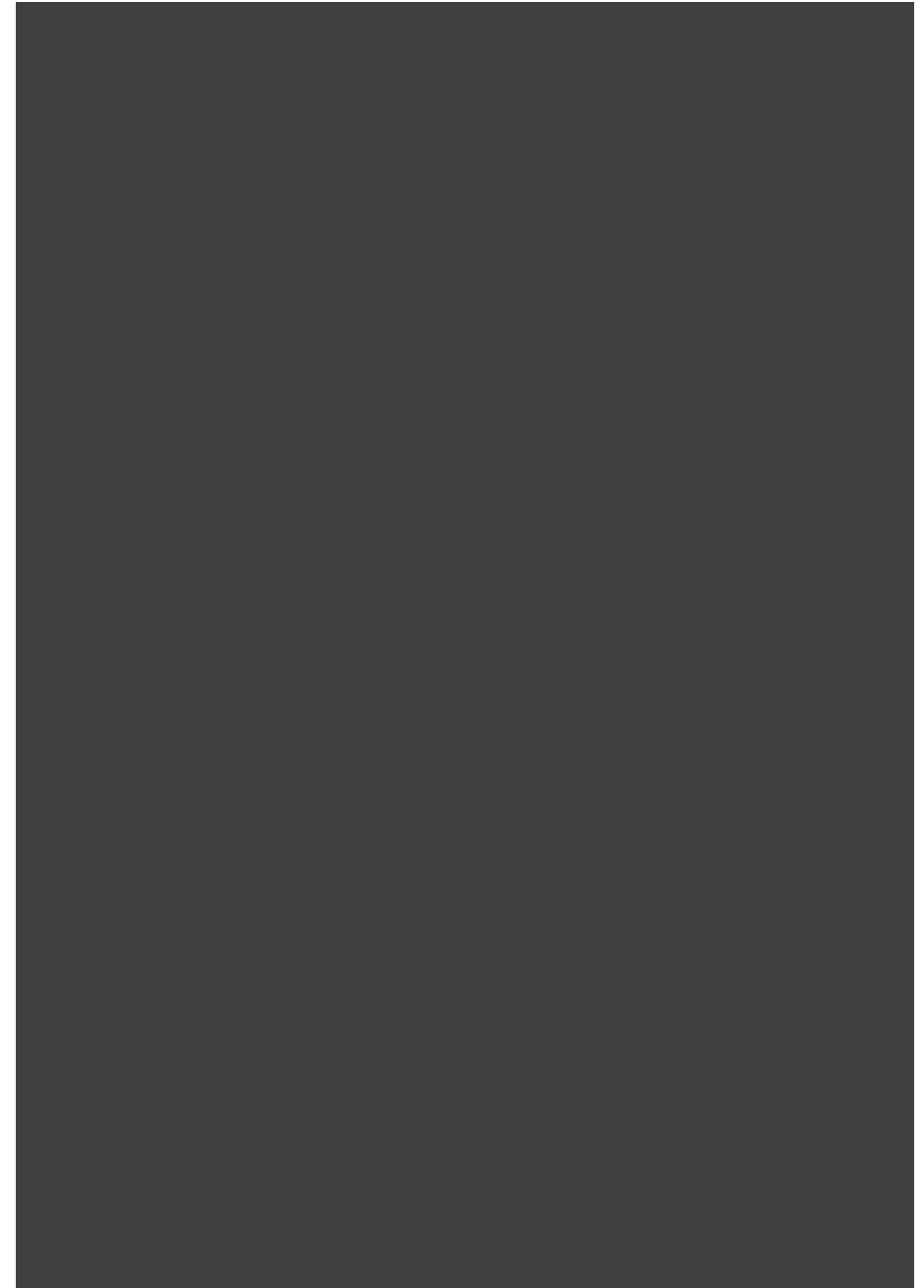
- In a silo

Content Teaching



- In a silo

Competence-building



Do you recognize this man?



The House of CLIL

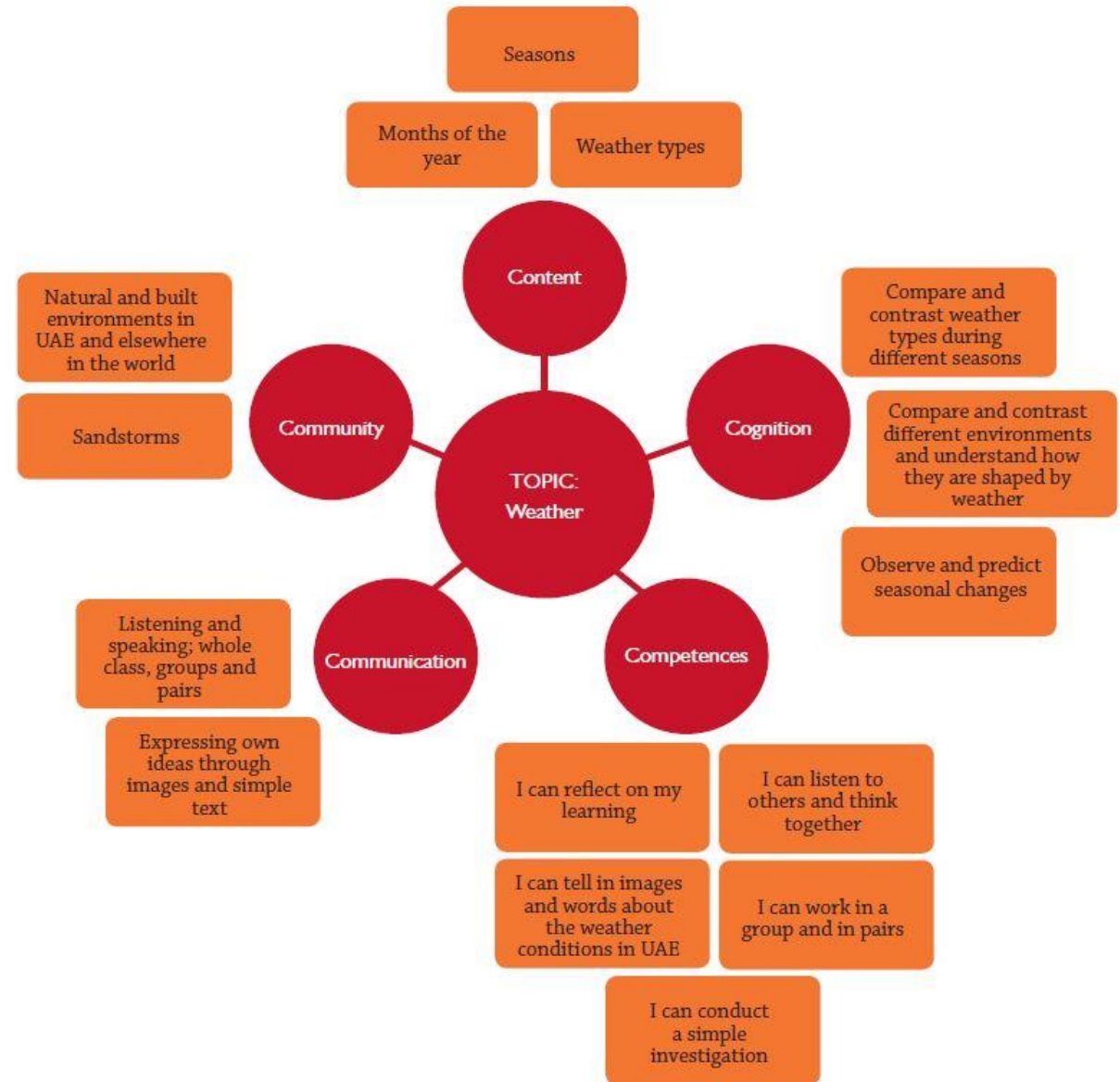
Linus Torvalds



Content and Language Integrated Learning (CLIL)

- Teaching *in* English
- Teaching *through* English

5 C's






Focus on
Learning English

English Language



Students (Latin American Study 2018)

Self-confidence to speak English	Low
Motivation to learn English	High
Satisfaction with learning English at school	Low
Awareness of English as global language	High

A background image showing a classroom setting. In the foreground, a man with a beard and a red and blue plaid shirt is looking towards the right. Behind him, another man and a woman are also looking in the same direction. The background is slightly blurred, showing other students and classroom furniture.

Teachers (Latin American Study 2018)

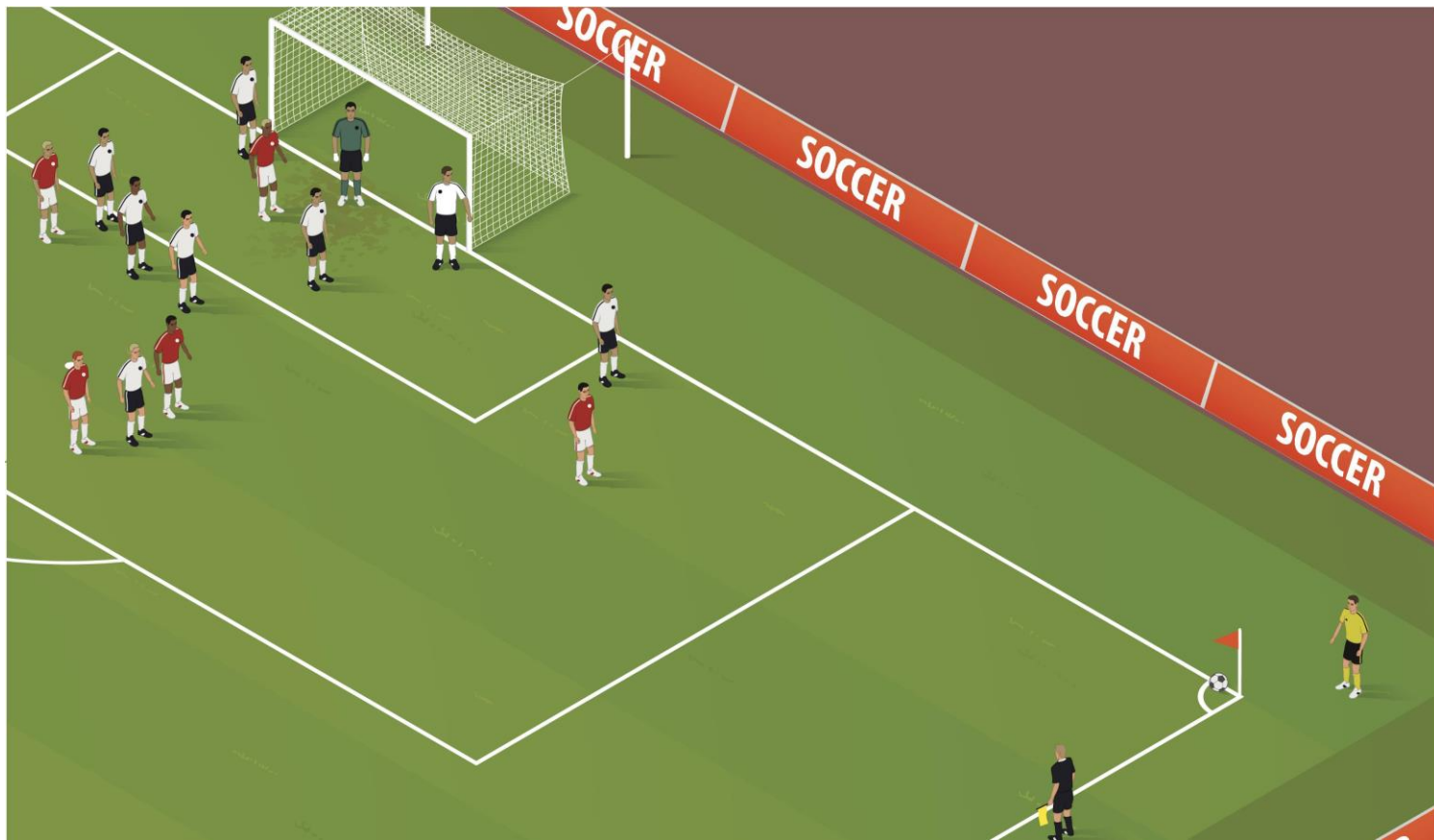
- Belief in student capacity to succeed **High**
- Access to Internet in class **Low**
- Need for innovative materials **High**
- Satisfaction with textbooks **Low**
- Desire for new approaches **High**



Finnish Competences in English



Rapid Shift from
Weak to Very
Strong



Number of Hours
not a Success Benchmark

Total Hours English



1 200



1 000



928



888



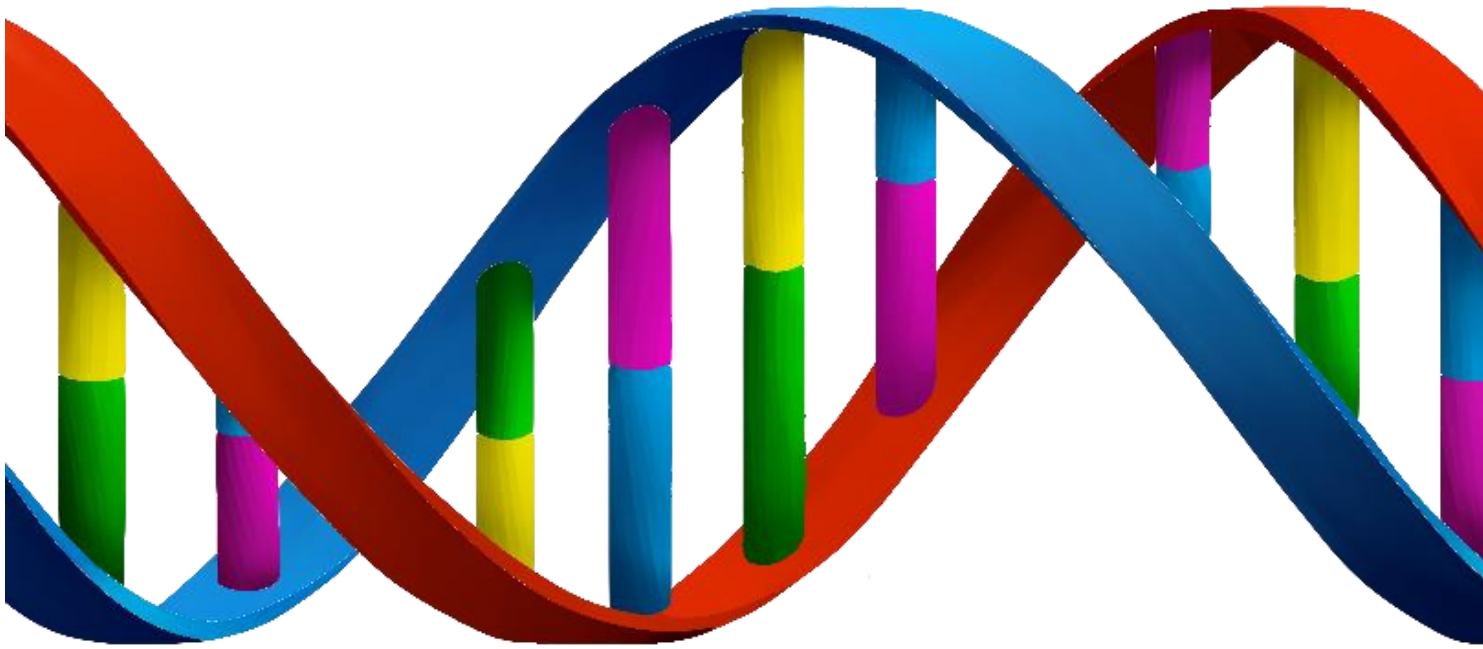
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610

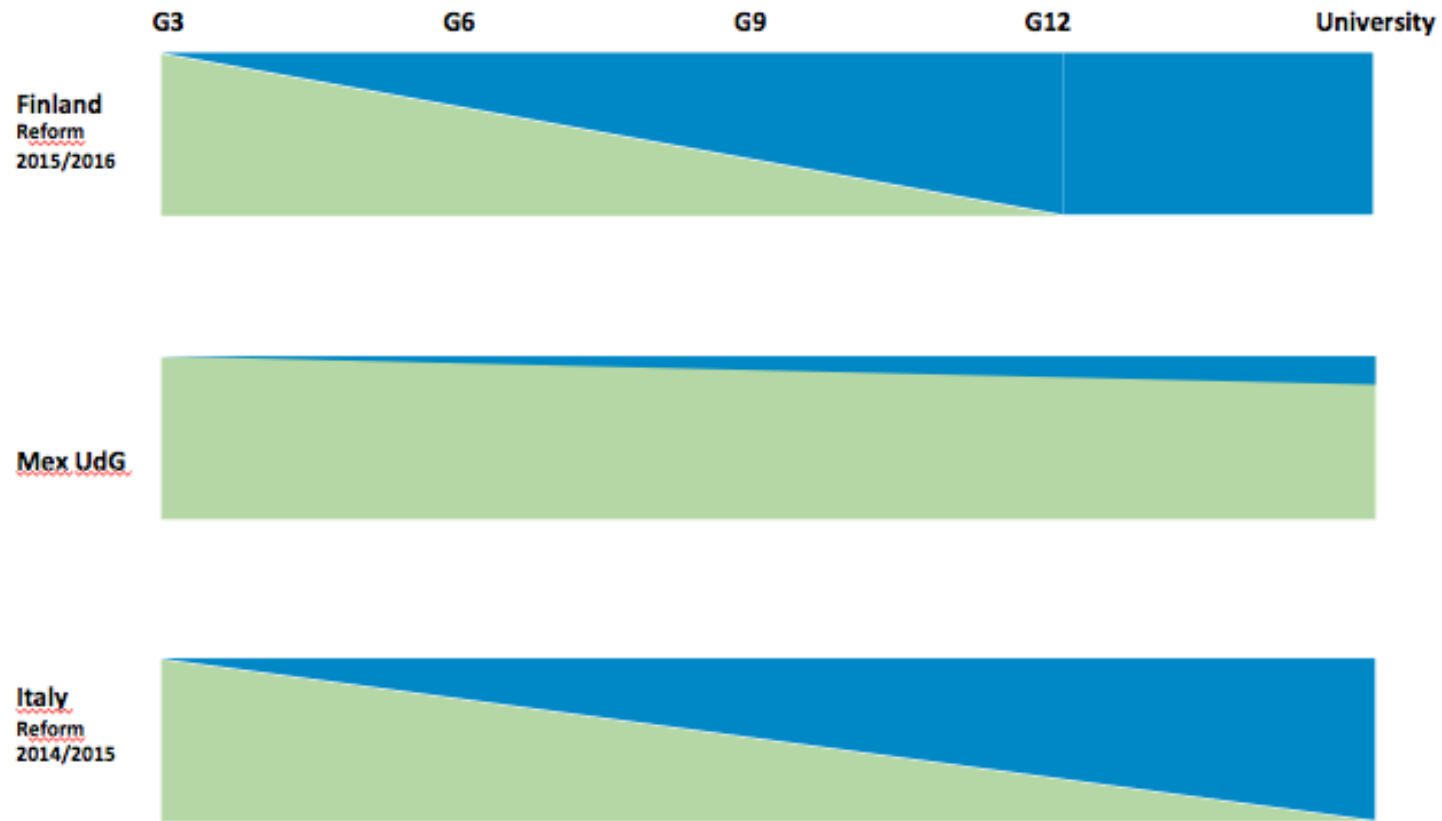


565



Make it Real
Make it Relevant
Make it Exciting
Make it Mine

What was the formula?
Could it work in Colombia?



BLUE = Significant
Content

GREEN=Grammar,
Grammar, Grammar.

Focus on grammar

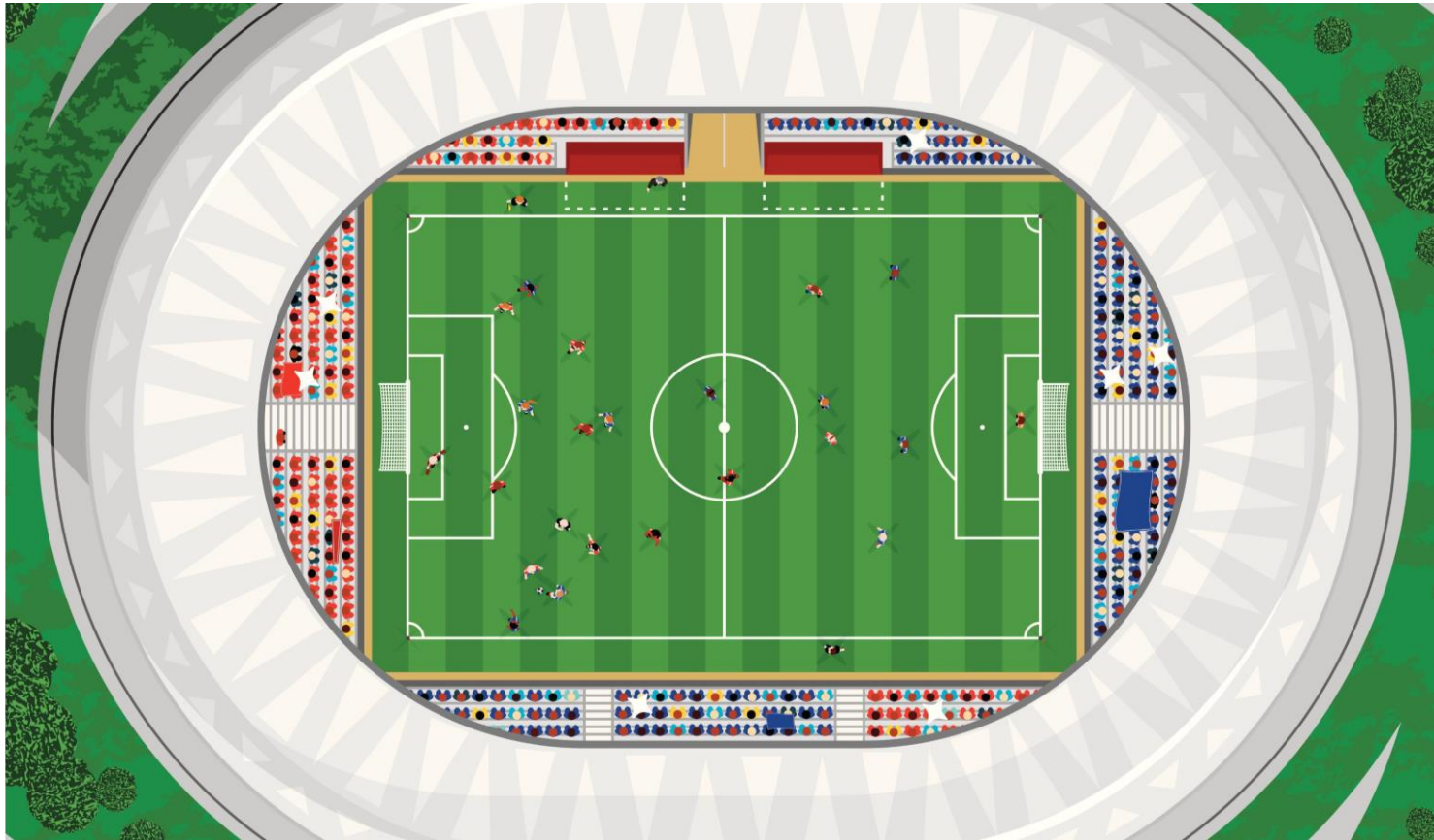
Focus on significant content



Into The Shape of Water # 2

Top Down Directives

Down Up Systemics

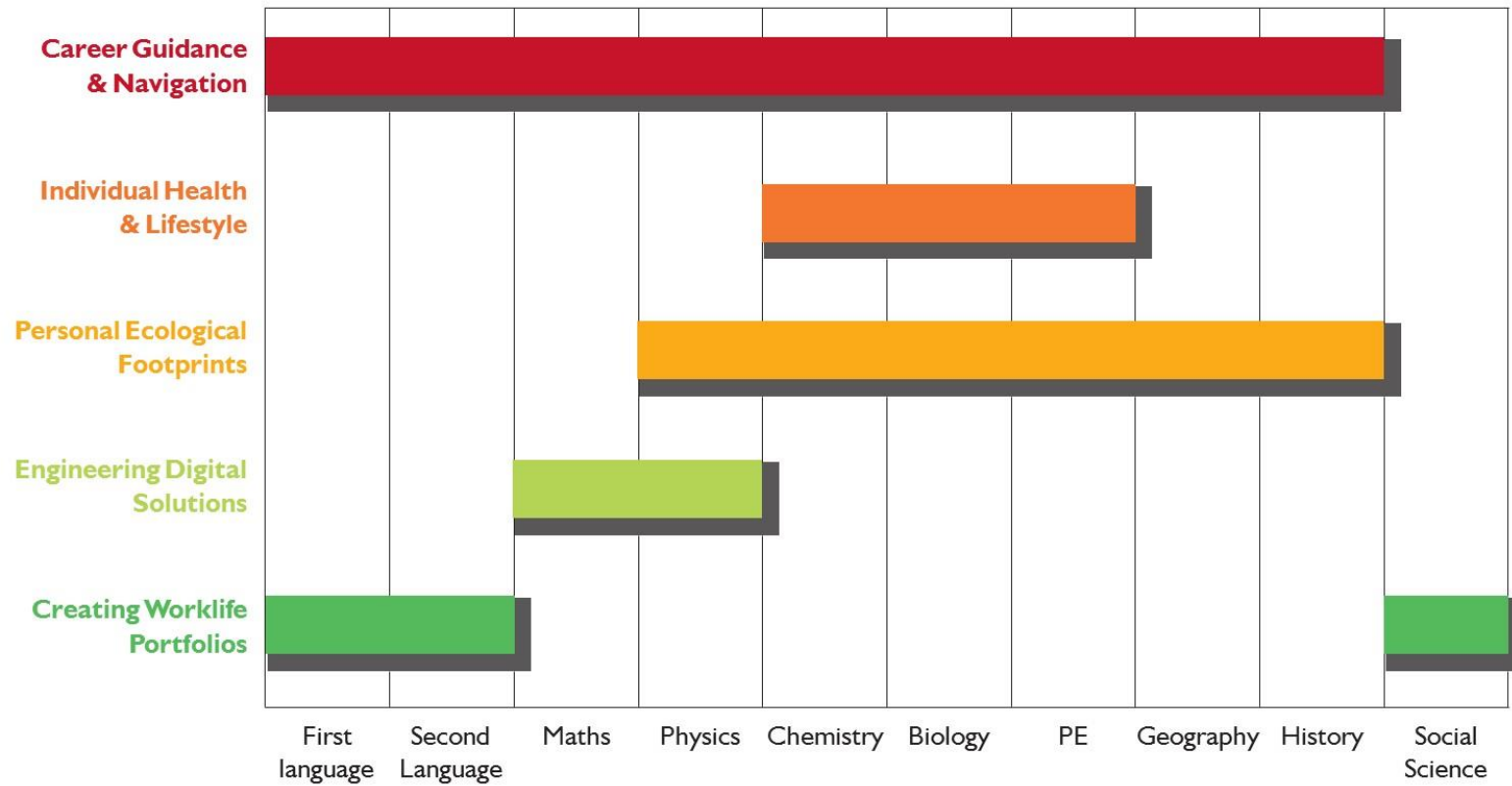


How are Leading Schools re-
shaping the Educational
Environment?

There is no such
thing as educational
export

There can only be
international
knowledge
brokerage

TRANSVERSALS ACROSS THE CURRICULUM





Combining Phenomenon-based
Learning with CLIL

Using High Impact
Teaching Methods
and Learning
Activities



Phenomenon (Greek *fainómenon*
the obvious, what can be seen)

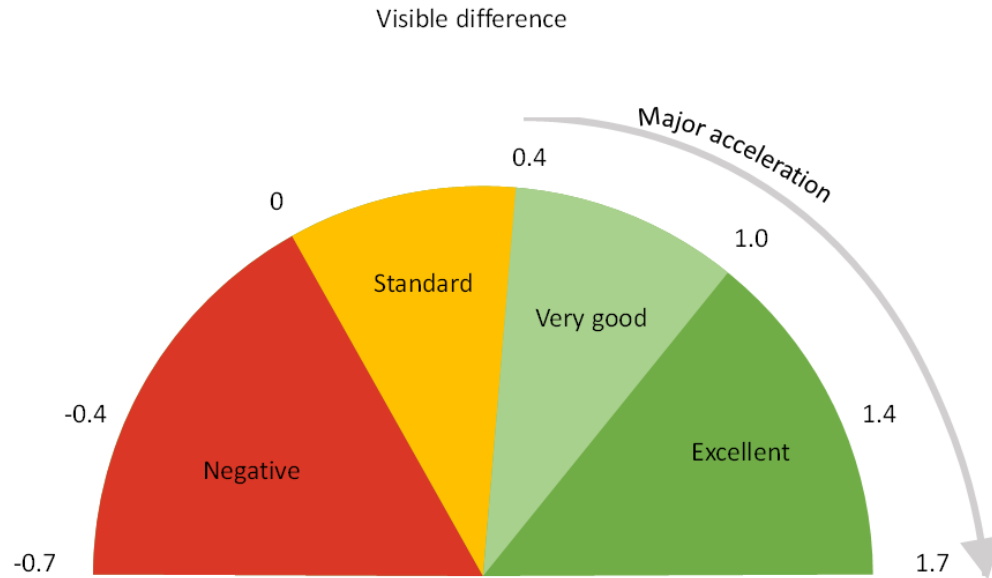
Students look at a
phenomenon from
different real-
world/academic
perspectives

Physical Health, Mental
Wellbeing, Sub-cultures,
Lifestyle, Environment,
Ethics, Migration,
Happiness



*Using language to
learn and learning
to use language*

The Finnish Linux of Language
Learning



Effect Size (Hattie, University of Melbourne, 2015)
0.2-0.4 average
1.0 plus = 50% improved rate of learning

Activities over **0.4** can enable high impact

- Showing students that they can succeed **1.62**
- Focus on thinking **1.33**
- Reducing anxiety **0.57**
- Learning with feedback **0.73**
- Concept mapping **0.64**



Ser Global

An experiment, simple
and sophisticated



- Which teachers?
- Which subjects?
- Which students?
- Which phenomena?

Inspiration is the locus of value creation

Plan the Blueprint



For Example
Lightning

Integration of different
subjects to create a single
learning experience
(transversal)

Physics
Music
Maths
Geography
(English)



For example
Environment

Biology
Art
Geography
Social Studies
(English)



For example
Sports

Physical Education
Biology
Chemistry
Maths
(English)



For example
Friendship

Biology
Chemistry
Social Sciences
Biology
(English)



For example
Water

Chemistry
Geography
Maths
Biology
English



Ecosystem
Down-up
Relevance
Impact

Innovation through
Collaboration

Key Success Concepts



El encuentro entre dos personas es como el contacto de dos sustancias químicas: si hay alguna reacción, ambas se transforman

Carl Jung

