



uOttawa

SEMINAR SERIES 2024

 **LEARN BY PLAYING**
to Demolish Myths & Prejudices



PRESENTER:
KENNETH A. GENT
- Momento Cero | Open Box Consulting -

SEPTEMBER 30, 2024
12:00-13:00 ET
UOHI, Foustanelas Auditorium (H-2367)

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FORMAT**



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OTTAWA, CANADA • SEPTEMBER 30th, 2024



¿Which is the main goal today?

I will present to you innovative strategies for training individuals to better identify their biases and also to develop strategies for overcoming them.

Today we had the first approach with the Toppling game



TOPPLING
Myths come in many shapes

Let's watch this video



Juego Derribando: los mitos tienen muchas formas

Mo.0 momentocero
356 suscriptores

Suscrito

9 9 Compartir Descargar Guardar

3.8 K vistas hace 6 años

Juego Derribando: los mitos tienen muchas formas, profundiza e invita a hacernos conscientes de la problemática que conllevan los mitos, que son la base de la exclusión social en nuestra sociedad.

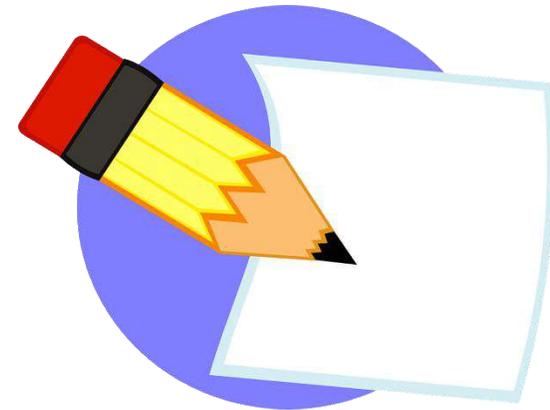
https://www.youtube.com/watch?v=Uaur_04_Lq0

Mo.0
MOMENTO CERO

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Does anyone feel like playing? Who likes magic?

- I need a person to volunteer.
- Choose a number between 1 and 100 inclusive (write it on a piece of paper without saying it).

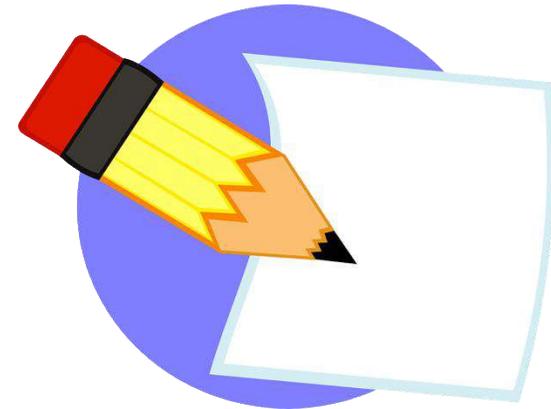




1 - 3 - 5 - 7 - 9 - 11 - 13 - 15
2 - 3 -
- 17 - 19 - 21 - 23 - 25 - 27 - 29
18 - 1
- 31 - 33 - 35 - 37 - 39 - 41 - 43
- 31 -
- 45 - 47 - 49 - 51 - 53 - 55 - 57
- 46 -
- 59 - 61 - 63 - 65 - 67 - 69 - 71
- 59 -
- 73 - 75 - 77 - 79 - 81 - 83 - 85
- 74 -
- 87 - 89 - 91 - 93 - 95 - 97 - 99.

Does anyone feel like playing? Who likes magic?

- Any other volunteers?
For us to do it again.
- Choose a number between 1 and 100 inclusive (write it on a piece of paper without saying it).





1 - 3 - 5 - 7 - 9 - 11 - 13 - 15
2 - 3 -
- 17 - 19 - 21 - 23 - 25 - 27 - 29
18 - 1
- 31 - 33 - 35 - 37 - 39 - 41 - 43
- 31 -
- 45 - 47 - 49 - 51 - 53 - 55 - 57
- 46 -
- 59 - 61 - 63 - 65 - 67 - 69 - 71
- 59 -
- 73 - 75 - 77 - 79 - 81 - 83 - 85
- 74 -
- 87 - 89 - 91 - 93 - 95 - 97 - 99.



SOME QUESTIONS

- What are you thinking about now?
- Do you feel more eager than at the beginning to continue participating in this presentation? Why?
- How does a dynamic like this help motivation?



Learning by playing is intrinsic to human nature.

Nature chose the game so that mammals
could learn quickly and survive.

Some anecdotes about my career



How did I come to dedicate myself to these topics?

By chance. I am Chilean (South American country). I graduated as a civil engineer with a specialization in structures in 2003.

Some anecdotes about my career



Woodstock Inn and Resort, Vermont (USA).

Work & Travel USA
(2003-2004)

Objective: to learn English.

Some anecdotes about my career

Somerville: Las claves son educación y crecimiento



cer venían al 7% y generar más educación son a juicio del presidente de la Confederación de la Producción y del Comercio (CPC), Hernán Somerville, dos de los factores clave para mejorar la distribución del ingreso en Chile.

Las palabras del líder de la principal cúpula empresarial del país se enmarcan en el informe que elabora anualmente el Programa de Naciones Unidas para el Desarrollo (PNUD) y que en su última entrega señaló que el país posee el mayor índice de desigualdad entre las 53 naciones que forman el primer grupo de desarrollo humano.

"Mantener altas tasas de crecimiento económico es una parte de la ecuación y con ello Chile ha logrado reducir sustancialmente la pobreza, desde 40% al 20% y si seguimos creciendo al 7%, esto se va a reducir aún

que por el lado de la educación, el banco prevé que si bien es una tarea de más largo plazo, se debe seguir perseverando para contar con una educación que permita mejorar los índices de desigualdad y que le permitan al país competir en el mundo.

"La competencia que Chile enfrenta será feroz y si no estamos a la altura de ello, con mejoras en el uso de la tecnología, será muy difícil mantener ese éxito obtenido en la globalización", sostuvo asegurando que también es necesario contar con una buena fiscalización del gasto público.

En el documento también se destaca el avance de los puestos que alcanzó Chile en el ranking de Desarrollo Humano al ubicarse en el lugar 37 de la lista de 177 naciones analizadas en el informe, impulsado principalmente por las repeticiones a nivel social de las buenas perspectivas económicas del país.

The keys are education and growth.



Chile, top 1 in macro management.

Improving education: the main Achilles' heel.

Situation in Chile in 2005.

Prior to the "penguin" revolution for education (2006).

Unico latinoamericano entre los 25 más competitivos del mundo

Aumento la brecha con el más cercano: mientras en el 2004 le seguía México 26 sitios más abajo, hoy es Uruguay en el 54 (31 más abajo).

Por primera vez Chile aparece escalando algún ranking económico. Hoy en la presentación del Informe de Competitividad Global del Foro Económico Mundial (WEF) el país se sitúa como líder en manejo macroeconómico, considerado el factor esencial para el crecimiento.

Esta ubicación reafirma lo que las autoridades han sostenido, contraviniendo el consenso en el mundo político, como es la necesidad de una regla clara de nuestra presupuesto, un Banco Central autónomo, un objetivo inflacionista mediano plazo, y la libre flotación del tipo de cambio. De más, el ministro de Hacienda, Nicolás Ezcurra comentó que en la última reunión del Fondo Monetario Internacional (FMI) del día



El vicepresidente del Banco Central, José Gregorio, Andrés Baeza y Joaquín Brunner comentaron el Informe del WEF.

Only Latin American country among the 25 most competitive in the world.



St. Alberto Hurtado revives the challenge for a more just Chile.

Who puts the bell on the cat?



Some anecdotes about my career

I was pursuing my master's degree in industrial engineering and had learned that:

**ENTREPRENEURSHIP
AND INNOVATION
ARE KEY TO
COUNTRY DEVELOPMENT**



Some anecdotes about my career

I also knew, from family history, that **the key is to train train the trainers with educational innovation:**

My great-uncle Adrian Dufflocq Galdames was a language teacher who created the Spanish-American Syllabary in 1945, the most important educational innovation developed in Chile, which has more than 90 editions throughout Latin America.



In the mid-twentieth century, Chile had an illiteracy rate of close to 30%, making it urgent to reinforce methods for learning to read and write.



Country Brand Image CHILE
May 10, 2014.

“If there is something that most children in Chile and Latin America had in their hands to learn to read, it was a Silabario. The Silabario was published by Chilean pedagogue Adrián Dufflocq Galdames in 1945”.

Multiple comments from those who are still excited about the Silabario...

 Elena Del Carmen Tacul Chaura Que lindooooo verlo después de tantos años, el SILABARIO ha sido mi mejor amigooooo hasta estos días!!!

Me gusta · Responder · 5 años

↳ 2 respuestas

 Cristina Lema Hoy todavía me acuerdo de la poesía al final del Silabario "mi Tren" y se la he recitado miles de veces a mis nietos. Mis hijos naieron aquí en USA pero aprendieron a leer en español en el Silabario.

Me gusta · Responder · 5 años

↳ 1 respuesta

 Alicia Gonzalez Bueno bueno mis 3 hijos aprendieron a leer ahí tengo el mayor de 23 la del medio de 13 y la mas chica de 7 años y es muy bueno yo también aprendí pero era amarillo y se llamaba LEA

Me gusta · Responder · 5 años

 Gloria Del Carmen Berron yo aprendí a leer con un cuadernillo muy delgado que se llama o se llama LA CARTILLA y en la primaria con este método el silabario muy efectivo, pero la modernidad lo dejó atrás, pero ahora los niños de ahora no saben ni leer y menos escribir

Me gusta · Responder · 5 años

 Nelida Riquelme Henriquez Oh!...si...yo aprendí con ese libro...ja ja js el mejor...

Me gusta · Responder · 5 años

 Roberto Rivas Arriagada ...aun aquí en casa se usa...bueno...

Me gusta · Responder · 5 años

 Alejandra Vega Es fantástico yo le enseñe a leer a mis dos hijos mayores y ahora le estoy enseñando al mas chico ... muy buen libro y facil para enseñar y fácil

Escribe un comentario...

Me gusta · Responder · 5 años

 Maria Victoria Miqueles Schreiner !Yo y mis hermanos aprendimos a leer con este silabario!!En la Escuela enseñaban con el Lea, pero mi mama nos enseñaba con este en la casa!

Me gusta · Responder · 5 años

 Alejandra Zufiga Aprendí con ese libro y por supuesto mis hijos aprendieron también..

Me gusta · Responder · 5 años

 Ramón Labrin Farías Que lindo recuerdo, ahora veo los detalles de la imagen y me emocionan.

Me gusta · Responder · 5 años

 María Esther Cordero en argentina era UPA. besos

Me gusta · Responder · 5 años

 Elizabeth Reinoso Lundstedt lo he comprado como en 6 ocasiones. Me encanta tenerlo a mano.Me transporta al tiempo de mi niñez mas precoz.Parece que veo el índice con esmalte rojo de mi madre, indicandome el camino a seguir,imborrable,Luego realizar la tarea encomendada, siempre ... Ver más

Me gusta · Responder · 5 años

 Maribel Figueroa Maureira Yo aprendí mis primeras lecturas..

Me gusta · Responder · 5 años

 Vitalia Ines Sepulveda Sepulveda Aprendí a leer en este silabario,"cuantos pájaros hay en la jaula" "pa"pe"pi"po"pu" .que maravilloso recordar,a mis hijos les enseñé también a leer

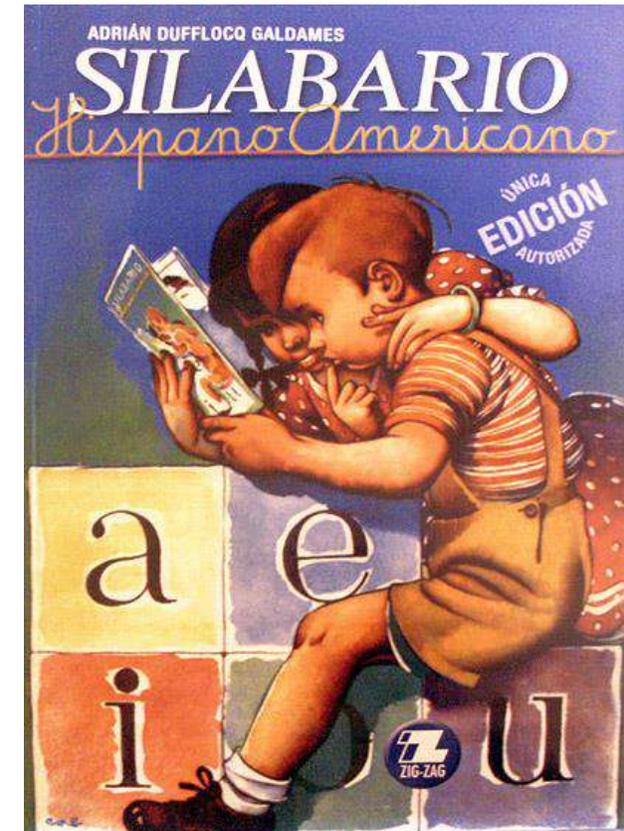
Me gusta · Responder · 5 años

↳ 4 respuestas

Escribe un comentario...

Immediate emotional connection to childhood through the fond memory of learning to read.

If someone could read (was literate), then he or she could teach others to read by means of the Syllabary.



Some anecdotes about my career



Mo.0 Business Idea
Awarded in Chile Empresario 2005

Social Entrepreneurship Award
Making Chile a country of entrepreneurs

How much is it worth for the next generation of Chileans to have a culture of entrepreneurship and innovation?

Mo.0 business idea awarded at UAI Chile Empresario



2005



VI Congress of Innovation and Entrepreneurship ICARE



2008

X International Meeting on Corporate Social Responsibility



2010

ICARE People Circle: Talent, what are we not doing right?



2011

XI ICARE Innovation Congress



2012



Productivity, Innovation and Growth Agenda of the new government ICARE



2014

ENELA 2016, how do we get out?



2016



Honorable Mention for Social Entrepreneurship

Mo.0 Vision:

Making Chile a country of entrepreneurs

Top rated speaker



ENADE 2011:
"Vox Popvli...
Vox Dei"?



SME Award
by the Presidency of the
Republic of Chile 2012



International experience

 Colombia



 Chile



 Ecuador



 El Salvador



 España



 Honduras



 República Dominicana



 Perú



 Uruguay



 Bolivia



 Guatemala



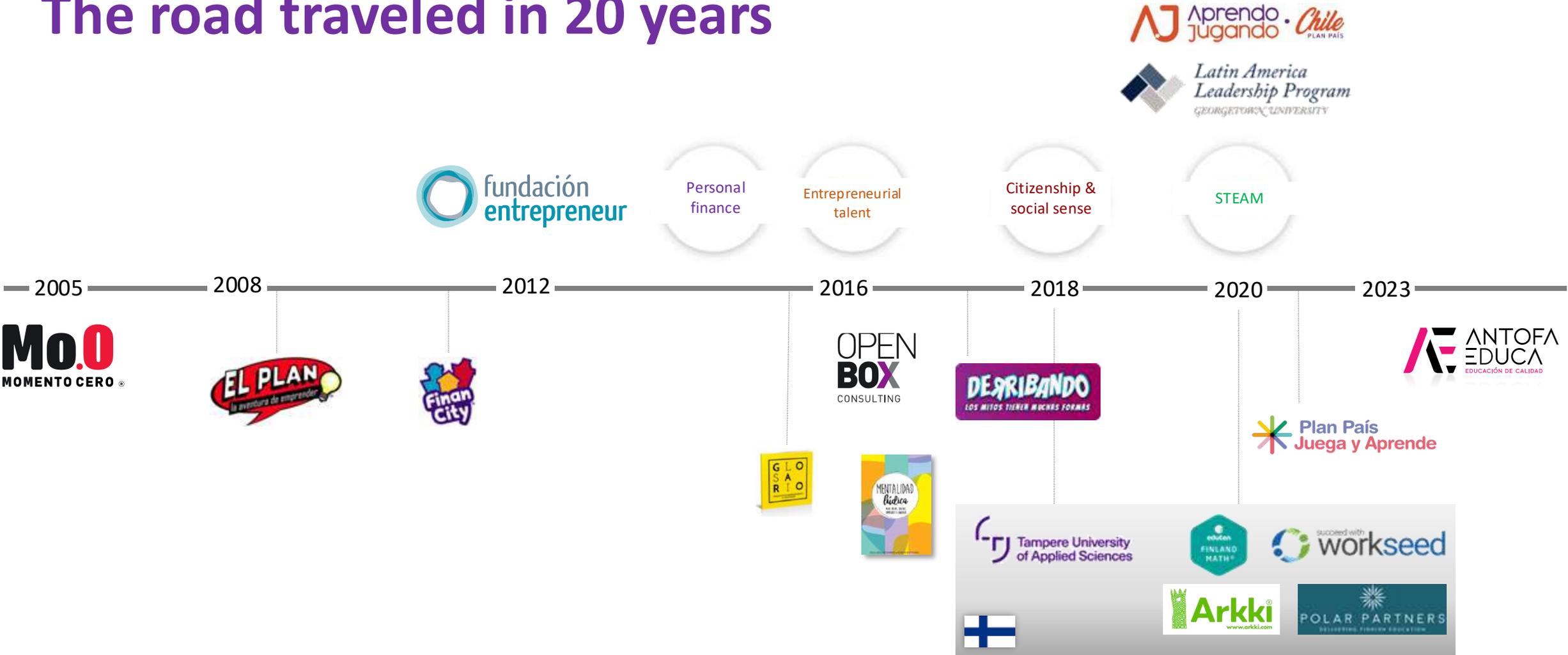
**Our games and methodology
are used in all these countries.**

<https://torneoelplan.cl/que-es-torneo-el-plan/>

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MOMENTO CERO

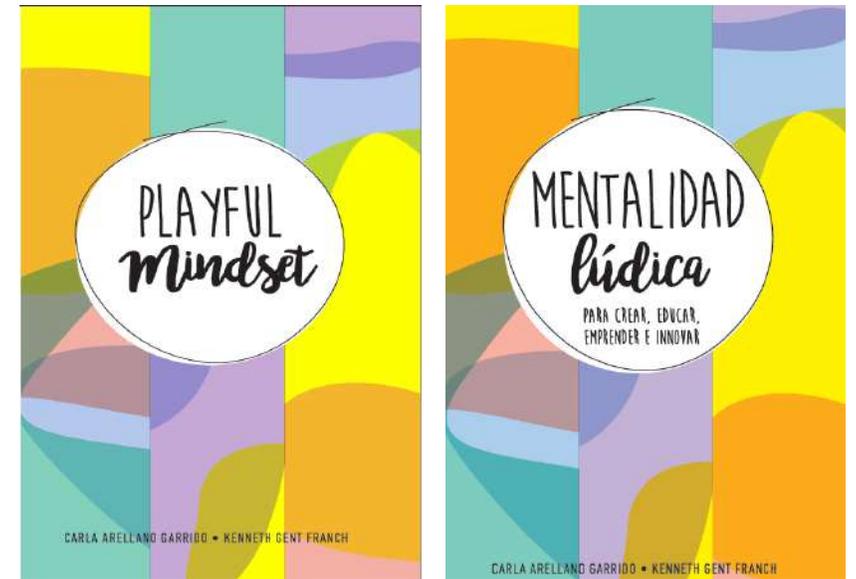
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The road traveled in 20 years



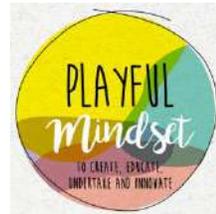
Playful Mindset: to create, educate, undertake and innovate.

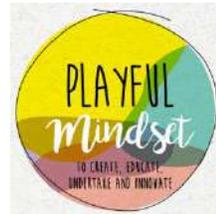
Motivated by the relationship between playful learning and the playful mentality in us as human beings, I wrote a book:



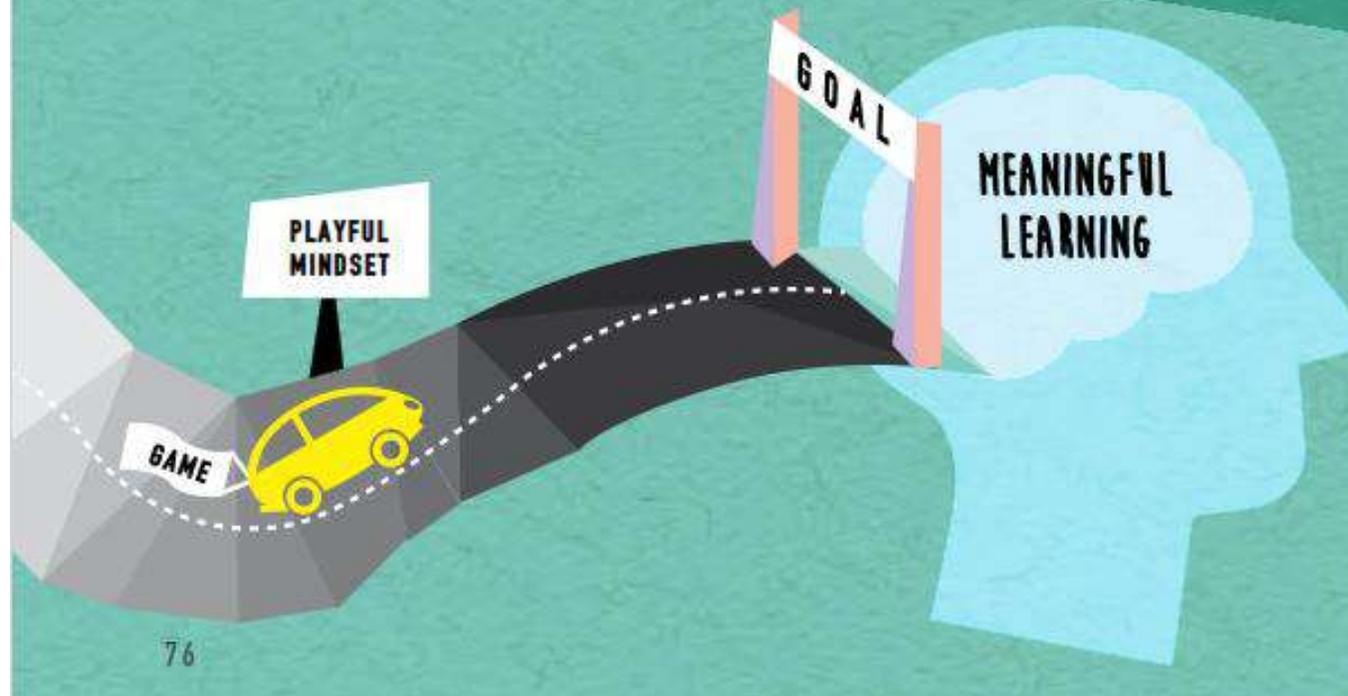
The book is available free of charge in PDF in English and Spanish.

SOME OF THE PECULIARITIES OF GAMES THAT CONTRIBUTE TO THE DEVELOPMENT OF COMPETENCES AT ANY AGE, IN ANY GROUP OF PEOPLE, ARE THE FOLLOWING:





Meaningful learning
is the goal. The way to get there
is a Playful Mindset, and the
vehicle we use is the game.



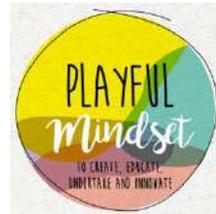
76



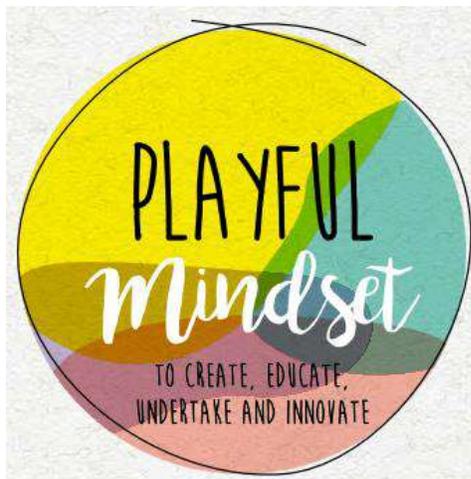
“ MAKING THE SIMPLE
complicated
IS COMMONPLACE;

— making the —
complicated
AWESOMELY SIMPLE,
THAT’S CREATIVITY”

CHARLES WINGUS



Free PDF download of the book



Aprendo Jugando Somos Becas Líderes Herramientas Cursos Generaciones Sala de juegos online

Book "Playful Mindset: To create, educate, undertake and innovate"

Digital version (PDF)

[Download eBook \[PDF\]](#)

This book is an invitation to develop your playful mind, to recognize the Learning Playing as one of the most effective teaching-learning methodologies and discover the gamification as an alternative to apply to different contexts.

TOPICS ADDRESSED

- What is the Playful Mindset and what is it for?
- Learning by Playing and Gamification
- 21st century skills
- How to intend a game (practical cases)

<https://aprendojugando.com/materiales/book-playful-mindset-to-create-educate-undertake-and-innovate/>





Some ideas and recommendations

Thinking about the EnaBling Project and INTBIOTECH-CREATE,
what things seem important to me?

1. Be honest about “what” the project is for.

Option 1:

“To comply”

and to be able to say that things and efforts are being made in that direction (without defining goals), with many publications in social networks, but that after the passage of time things will remain more or less the same.

Option 2:

“To take charge”

and work professionally to build innovative solutions that have a real impact on the learning and behavior of the beneficiaries, generating concrete improvements in the established goals.

The actions associated with these options are very different.

What actions are performed?

“To comply”

Conduct **diagnostic studies** that demonstrate the seriousness of the issue.

Embed **content in Web sites** (text, PDFs, videos, photos, etc.).

To **make talks and mass activities** from the traditional logic of awareness-raising.

Develop **communications and marketing** campaigns with publications in mass media and social networks.

“To take charge”

All of the above

+

WORK FROM THE USE OF
ACTIVE LEARNING
METHODOLOGIES IN AN
EFFICIENT AND
EFFECTIVE MANNER.



* * + + *
active
learning
↑
METHODOLOGIES!

These are methodologies that bring people into a central role in the experience, where they are able to enjoy a fully interactive process of continual creation and leave behind the passive or receptive roles they are accustomed to. The focus is on the learner, not the facilitator; on what is learnt and not what is taught. This allows us to ensure the achievement of truly meaningful learning that can be transferred to real life.

SOME ACTIVE LEARNING METHODOLOGIES



PROJECT-BASED LEARNING



WORK-INTEGRATED LEARNING



COOPERATIVE LEARNING



INVESTIGATIVE LEARNING



PROBLEM-BASED LEARNING



PEER ASSISTED LEARNING



LEARNING BY PLAYING



LEARNING COMMUNITIES



HOLISTIC LEARNING



FLIPPED CLASSROOM



REFLECTIVE LEARNING



LEARNING TO THINK



How did you learn to ride a bicycle?

Have we forgotten how to ride a bicycle?

Nobody learns to ride just by watching videos on Youtube.

You have to get on a bike to learn to ride!





SKILL:

The aptitude of an individual's for completing a given task, activity, or action. **2**



SKILLS



+

KNOWLEDGE



+

CHARACTER



COMPETENCE

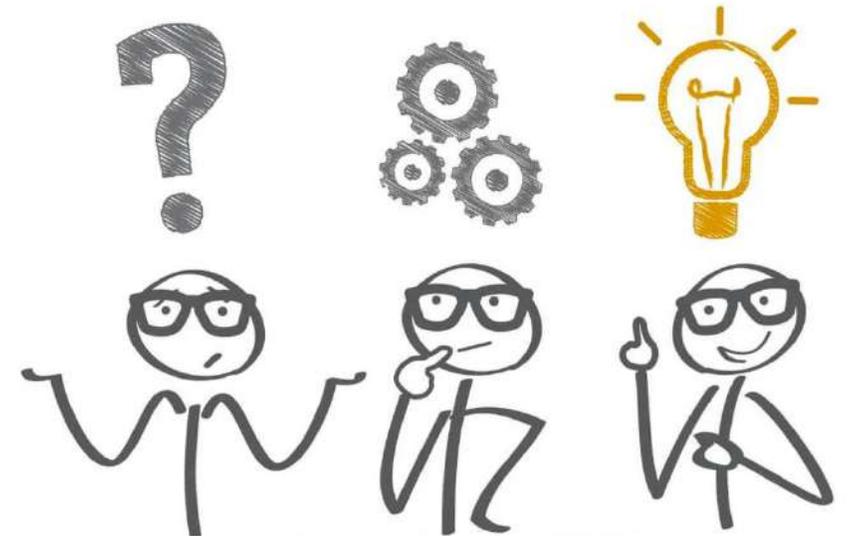


I AM A GOOD SOCCER PLAYER!

2. Managing it as if it were an innovation challenge.

It is necessary to work on the challenge of innovation and the design of service experience that allows:

- Structure a reasonable plan!
- To be able to answer how it is going to be done!
- With what methodologies and tools!
- How much it costs and how long it will take to do it!



Let me give you a concrete example that I know from close quarters

At the level of the **Chilean population in general**, there is much to be done in terms of **financial illiteracy and behavior**:

According to the Financial Literacy and Behavior Survey - UC Center for Public Policy 2017 (Chile):

71%

of Chileans **do not know how to calculate simple interest**

53%

correct in calculating of compound interest

59%

did not know how to answer the question about inflation

48%

did not know the answer to the question about inflation is the average of all responses. This is below 68% of OECD countries.



At the level of teachers, financial illiteracy and the lack of teaching skills to teach financial education is another aspect to consider:

According to the study “Financial Education at School - 2019. Literacy and financial behavior of teachers in Chile”, UC Center for Public Policy.:

7 out of 10

teachers **do not have the confidence to teach** financial education content.

49%

of teachers surveyed **are financially illiterate.**

During 2023-2024 we carried out the
“**Play and Learn Personal Finance**” project
with the Government of Santiago
(in all the municipalities of the capital of Chile):



- **1.000 teachers**
- **150 educational establishments**
- **Thousands of school children**

Game-Based Learning (GBL) is
a “TRES” active methodology:

- **Transferable**
- **REplicable**
- **Scalable**

Let's watch this video



Juego de mesa: FinanCity

Mo.0 momentocero
356 suscriptores

Suscrito

18



Compartir

Descargar

Guardar



3.3 K vistas hace 6 años

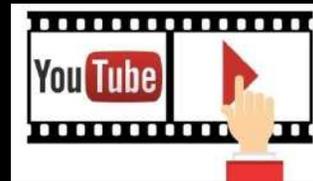
FinanCity Bilingüe español - inglés, simula el proceso de administrar los recursos de un hogar con todas las variables que ello implica.

<https://www.youtube.com/watch?v=aVe4CLQtREw>

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3. Teamwork and confidence.



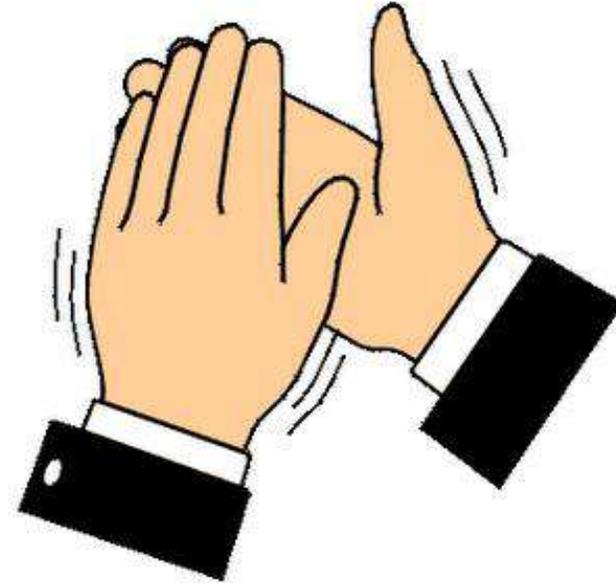
(Ants)

<https://www.youtube.com/watch?v=wNnwufNz760>

4. In a moment I will tell you...

LET'S PLAY TO APPLAUSE

FOR 10 SECONDS,
EVERYONE PRESENT
WILL APPLAUD...



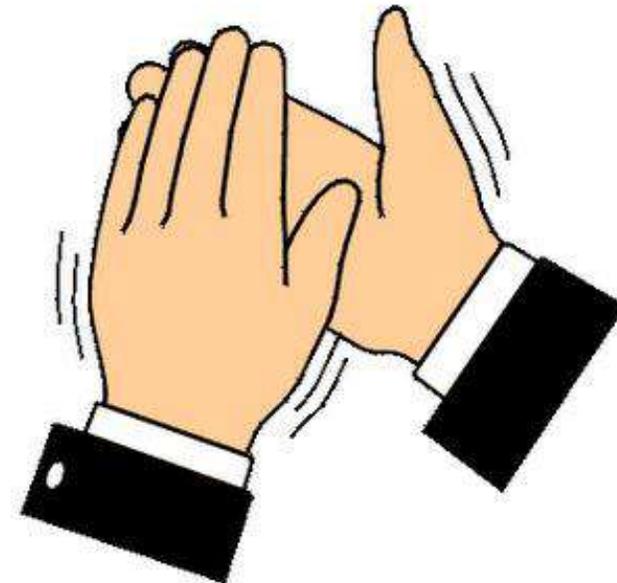
4. In a moment I will tell you...

What grade would you give to the applause?

1: Very bad - **7: Excellent**

LET'S REPEAT THE EXPERIENCE

FOR 10 SECONDS,
EVERYONE PRESENT
WILL APPLAUD...



4. In a moment I will tell you...

How did we do on the second occasion - worse, the same or better? Why?



Did you do your best?

Can you applaud better?

do you want to do it again and do it better?

LET'S REPEAT THE EXPERIENCE

FOR 10 SECONDS,
EVERYONE PRESENT
WILL APPLAUD...





4. Do your best to get it right.

It makes no sense to do things any other way.



Thank you!

;=)

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