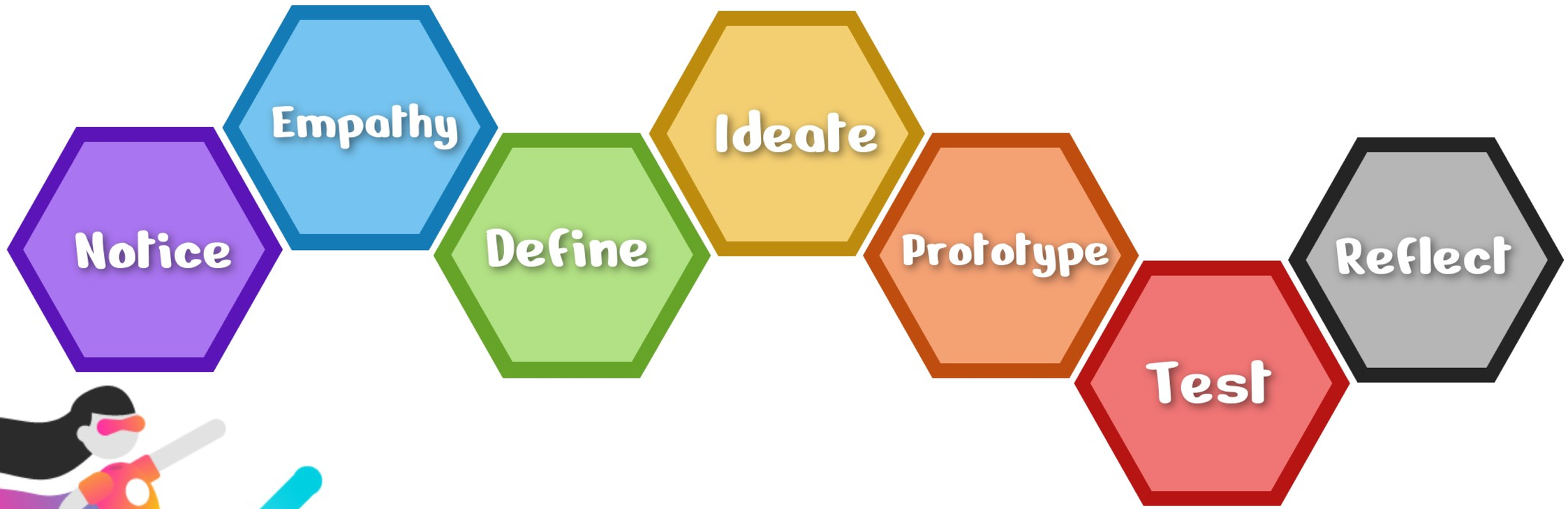
Global Inquiry Scholars: Design Thinking on Spain´s Dropouts

Presented by Emma Bowie



The Design Thinking & Liberatory Design Process

What It Means to be a Cultuarlly Responsive Educator

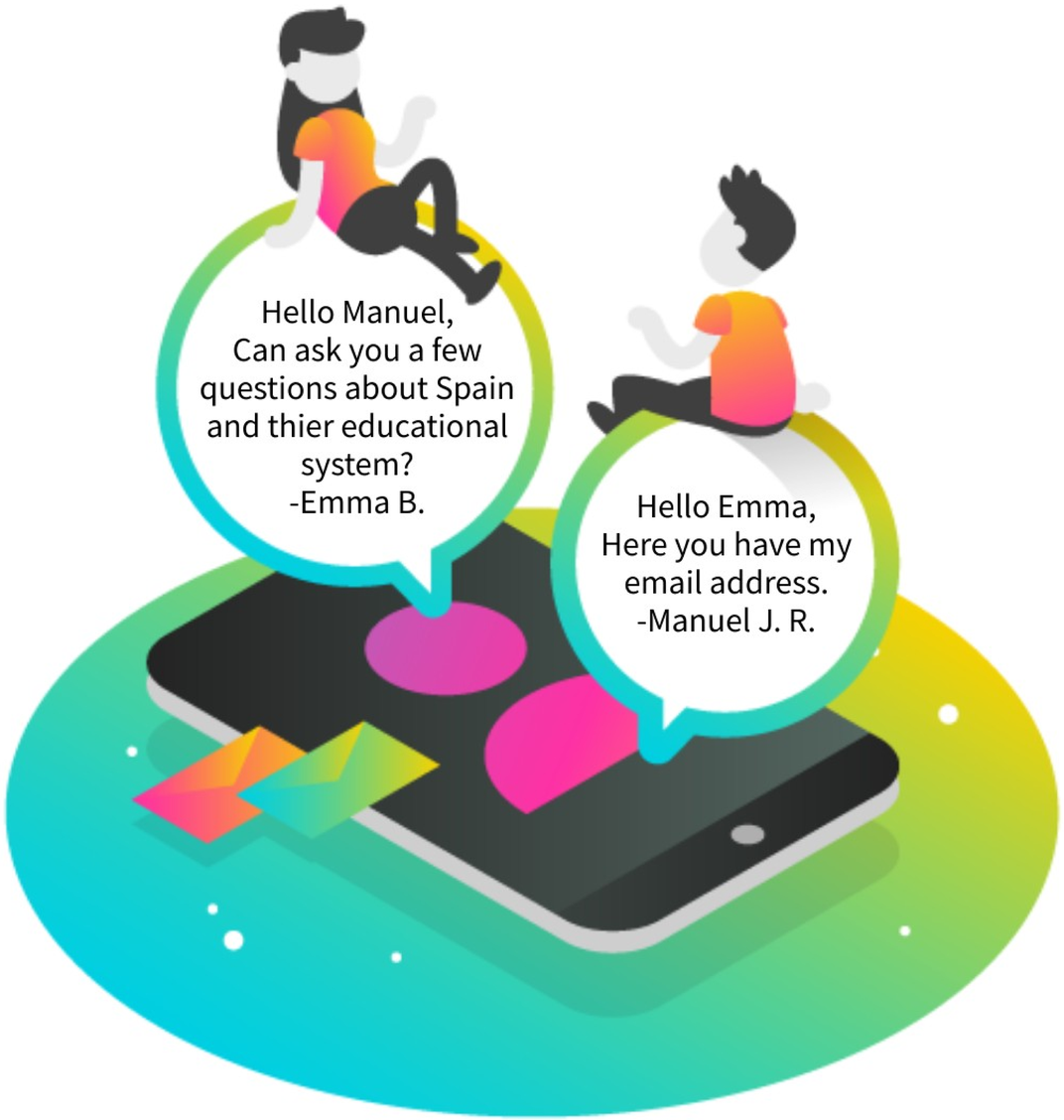
Notice

SEE THE SYSTEM

1. Who is impacted by oppression in your country?

2. Who are the people that can contribute to improvement?

3. What barriers are in the way of achieving equal opportunities?


Hello Manuel,
Can ask you a few questions about Spain and thier educational system?
-Emma B.
Hello Emma,
Here you have my email address.
-Manuel J. R.

Empathy

What's the subject Spain students seem to struggle in the most?

How do Teachers in Spain support thier students?

Why is Spain's school system not working?

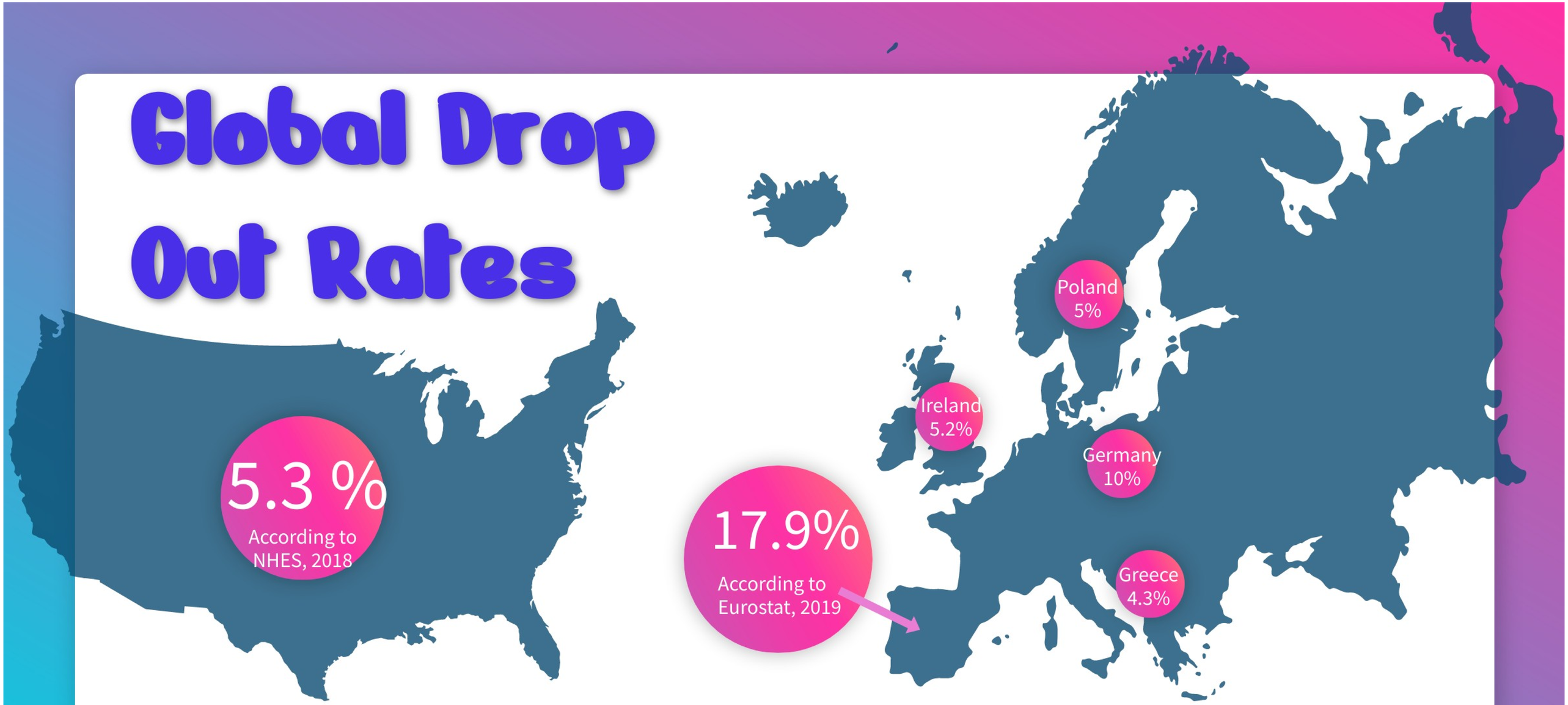
Why are Spain's students drop out rate so high?

With your background you have instructed many students around Europe, in your option, what ways does a student learn best?

How early do students learn a different language?

Define

Global Drop Out Rates



Ideate

Ideation Space: Group 3
(Beatriz L., Emma, Gema, and Megan P.)

Culture, family and political barriers towards motivation and success in school

large drop out rate, the school system and society is failing them

Understand the problems in education and why its not the teacher

How to not mix politics and education

work together with society and the educational system to find a way to fix the education

communicate with other educators and find out what is working for them and what isn't working for them

Looking at things from multiple perspectives

Why is education not working: breaking down the groups

Masclow's hierarchy of needs

Create an interactive experience where he has to directly interact with people from different cultures

work with other countries to see what's working for them and then implement it into their education

work together to see what problems they have and try and find solutions

Possible product in

Documentary-type document: individual people (from difficult backgrounds) giving their opinions about spanish students being perceived as "lazy" in school

Self-evaluation

Theatre-based dynamic: two chairs, each representing two sides. He has to first sit in one and explore that perspective and then change chairs and analyze the same situation from the other perspective.

ask stud
they can
them an
what the
need to i
their edu

Group 3 Voting!

Delight!

Documentary-type document: individual people (from difficult backgrounds) giving their opinions about spanish students being perceived as "lazy" in school

Theatre-based dynamic: two chairs, each representing two sides. He has to first sit in one and explore that perspective and then change chairs and analyze the same situation from the other perspective.

Possible product in relation to his tastes: Podcast to listen while working out (what about...?)

Feasible

Masclow's hierarchy of needs

Self-evaluation: 10 step learning path

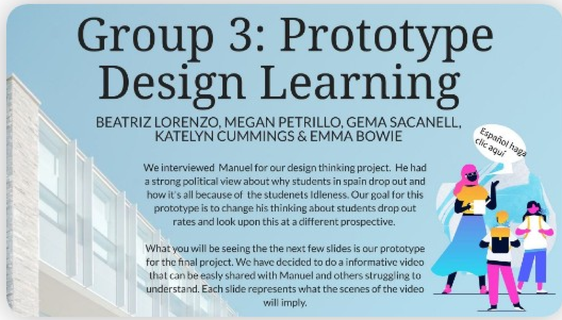
ask students what they can do to help them and find out what the students need to improve their education

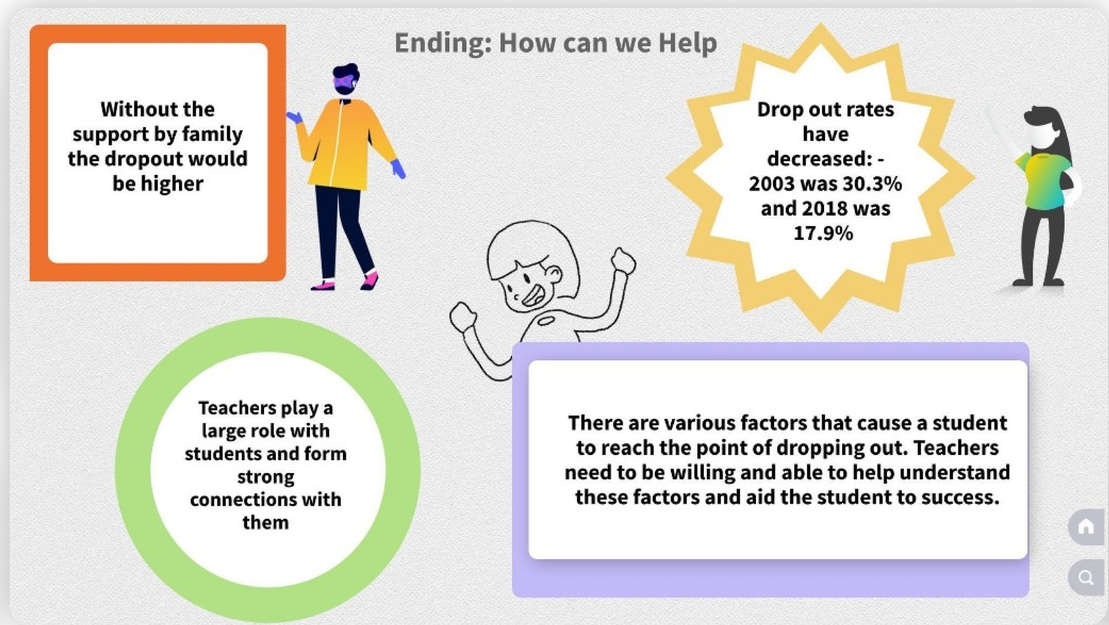
Radical

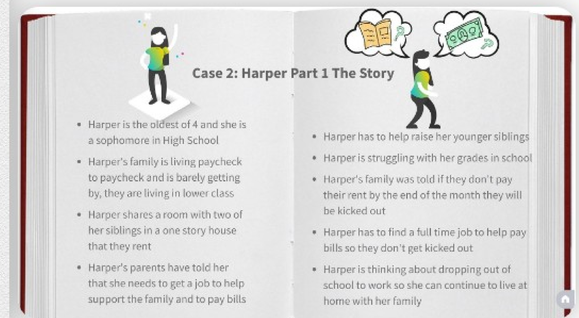
Theatre-based dynamic: two chairs, each representing two sides. He has to first sit in one and explore that perspective and then change chairs and analyze the same situation from the other perspective.

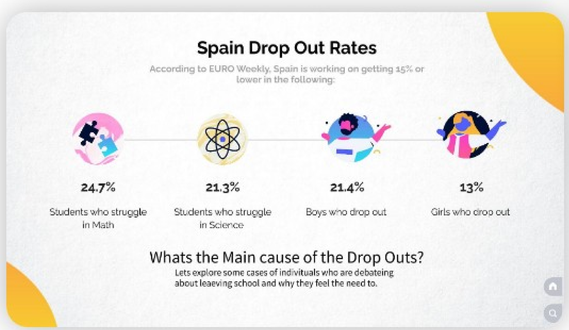
Prototype

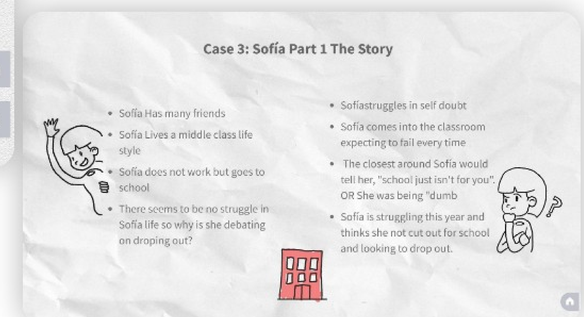
Preview of Story Board











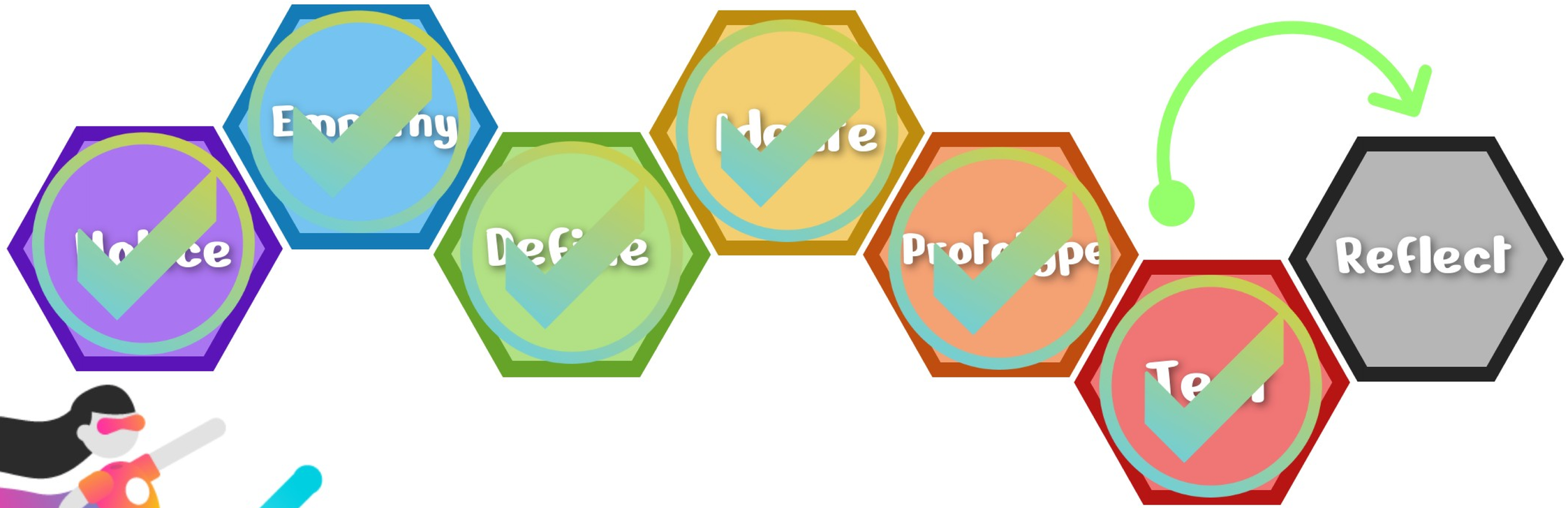
Feedback

Change the Names

Find Further Research

Compare to USA

TEST



The Design Thinking & Liberatory Design Process

"There is No I in Team"

Gema Sacanell Bañuelos

- Bachelors Degree in Psychology from the Universidad de Salamanca
- Masters in IB Education from Camilo Jose Cela University (UCJC)

"I am Grateful for each step, for they led me to discover my vocation and love for teaching and shape me as a professional" - Gema

Kati Cummings

- Major is Early Childhood Education at Southern New Hampshire University (SNHU)

"We all Smile in the Same Language" -Kati

Megan Petrillo

- Major is Early Childhood Education at Southern New Hampshire University (SNHU)

"It was really impactful to hear from people in a different counrty" -Megan

Beatriz Lorenzo Botella

- Bachelors Industrial Design Engineering at Universidad Politécnica de Valencia.
- Masters in Computer Graphics at Aula Temática
- Masters in Education from Universidad Internacional de la Rioja
- Internacional Education Expert from Camilo Jose Cela University (UCJC)

"Motivating, important and overall fun." -Beatriz

Thanks for your attention!

RESOURCES

"Country Information for Spain-Systems of Support and specialist provision" European Agency: For Special Needs and Inclusive Education. 04 August 2020. Web.
https://www.european-agency.org/country-information/spain/systems-of-support-and-specialist-provision

"Early Leavers from Education and Training." Eurostat: Statistics Explained. April 2020. Web.
https://ec.europa.eu/eurostat/statistics-explained/index.php/Early_leavers_from_education_and_training

"Liberatory Design: Your toolkit to design for equity".National Equity Project. d.K12 Lab
Network. https://static1.squarespace.com/static/57c6b79629687fde090a0fdd/t/58c8319bb3db2b7f6a7a22f0/1489514961988/Liberatory+Design+Cards.pdf

"Spain's school dropout rate highest in Europe." The Local es. 11 April 2014. Web,
https://www.thelocal.es/20140411/spains-school-dropout-rate-highest-in-europe-lomce-wert/

Archive, Cristin. "Child Poverty and High Dropout Rates in Spain." Global Education and Conflict. WordPress. 04 November 2014. Web.
https://conflictandeducation.wordpress.com/2014/11/04/child-poverty-effects-in-high-dropout-rates-in spain/#:~:text=A%20new%20UNICEF%20report%20finds,the%20third%20quarter%20of%202014.

Archive, Jenny. "Classroom Organization in Spanish High Schools." A thing for wor(l)ds: Life translated by travel. 09 June 2014. Web.
http://www.athingforwords.com/auxiliar-de-conversacion/classroom-organization-spanish-high-schools/

Knox, Emily & Muros, Jose Joaquin. "Association of lifestyle behaviors with self-esteem through health-related quality of life in Spanish adolescents." European Journal of Pediatrics. Springer Link. 06 March 2017. Web.
https://link.springer.com/article/10.1007/s00431-017-2886-z

Leighfield, Jennifer. "Spain has highest number of school dropouts." EuroWeekly: The Peoples Paper News. 13 November 2020. Web.
https://www.euroweeklynews.com/2020/11/13/spain-has-highest-number-of-school-dropouts/

Morte-Soriano, Manuel R. Soriano-Feerer, Manuel. "Developmental Dyslexia in Spain" Learning Disabilities: An International Perspective. IntechOpen. 29 November 2017.
https://www.intechopen.com/books/learning-disabilities-an-international-perspective/developmental-dyslexia-in-spain

Moyano, Nieves. Pascual, Alejandra Cortes. Quilez-Robres, Alberto. "Self-Esteem and Motivation for Learning in Academic Achievement: The Mediating Role of Reasoning and Verbal Fluidity." sustainability. MDPI, Basel, Switzerland. 17 July 2020. Article.
file:///C:/Users/16037/Desktop/sustainability-12-05768-v2.pdf

Ravipati, Sri. "Report: STudents with Learning and Attention Issues Three Times More Likely to Drop Out." The Journal: Transforming Education Through Technology. Infrastructure Solutions Group. 17 May 2017. Web.
https://thejournal.com/articles/2017/05/17/students-with-learning-and-attention-issues-three-times-more-likely-to-drop-out.aspx

SANMARTÍN, OLGA R. "Sube el fracaso escolar por primera vez en una década: uno de cada cuatro jóvenes no termina la ESO." El Mundo. 27 March 2019. Web.
https://www.elmundo.es/espana/2019/03/27/5c9b7867fdddff0c878b45a0.html

Sarabia, Daniela N. "Spanish Sketches: An Overview or Poverty in Spain" The Borgen Project. 23 August 2016. Web.
https://borgenproject.org/poverty-in-spai

U.S. Department of Education, National Center for Education Statistics. (2020). The Condition of Education 2020 (NCES 2020-144), Status Dropout Rates.
https://nces.ed.gov/fastfacts/display.asp?id=16#:~:text=The%20overall%20status%20dropout%20rate%20decreased%20from%209.7%20percent,to%205.3%20percent%20in%202018.