Effective Use of Technology in the Secondary Immersion Classroom

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Objectives

- Introductions
- Benefits of Technology
- Practical Applications
- Obstacles and Solutions to Implementation
- Q&A and Discussion

Patrick Brown
Spanish Immersion Program

South Washington County Schools ISD 833
Cottage Grove, MN

Nuevas Fronteras Spanish Immersion 2004
One-way 90/10 K-5: 365 students

Cottage Grove Middle School 2010
6-8, 2 courses: Spanish and Social Studies: 135 students

Woodbury High School 2013
9-12, 2 courses: Spanish and Social Studies

Program Resources

How they were acquired:

- Self-created
- Trip abroad
- Catalogues with native products or content

How we used them:

- Instructional materials
- Create opportunities for language production
- Provide cultural element to instruction

Benefits of Technology

Instructional Benefits

- Increased access to primary sources
- Provide immediate feedback to better differentiate learning
- Tailor vocabulary acquisition to individual student
- Creation of Materials

Production Benefits

- Ability to demonstrate “21st century” skills.
- Illustrate and provide practical and meaningful use of target language
- Facilitate student communication
- Student Communication / Fun

My Classroom

- **Nearpod** (nearpod.com)
  - student interactivity in lessons

- **Poll Everywhere** (polleverywhere.com)
  - quizzes and immediate feedback

- **iBooks Author**
  - creation of textbooks and course materials with authentic content, interactivity and multimedia in target language

- **Apple TV**
  - mirroring devices and access to streaming video

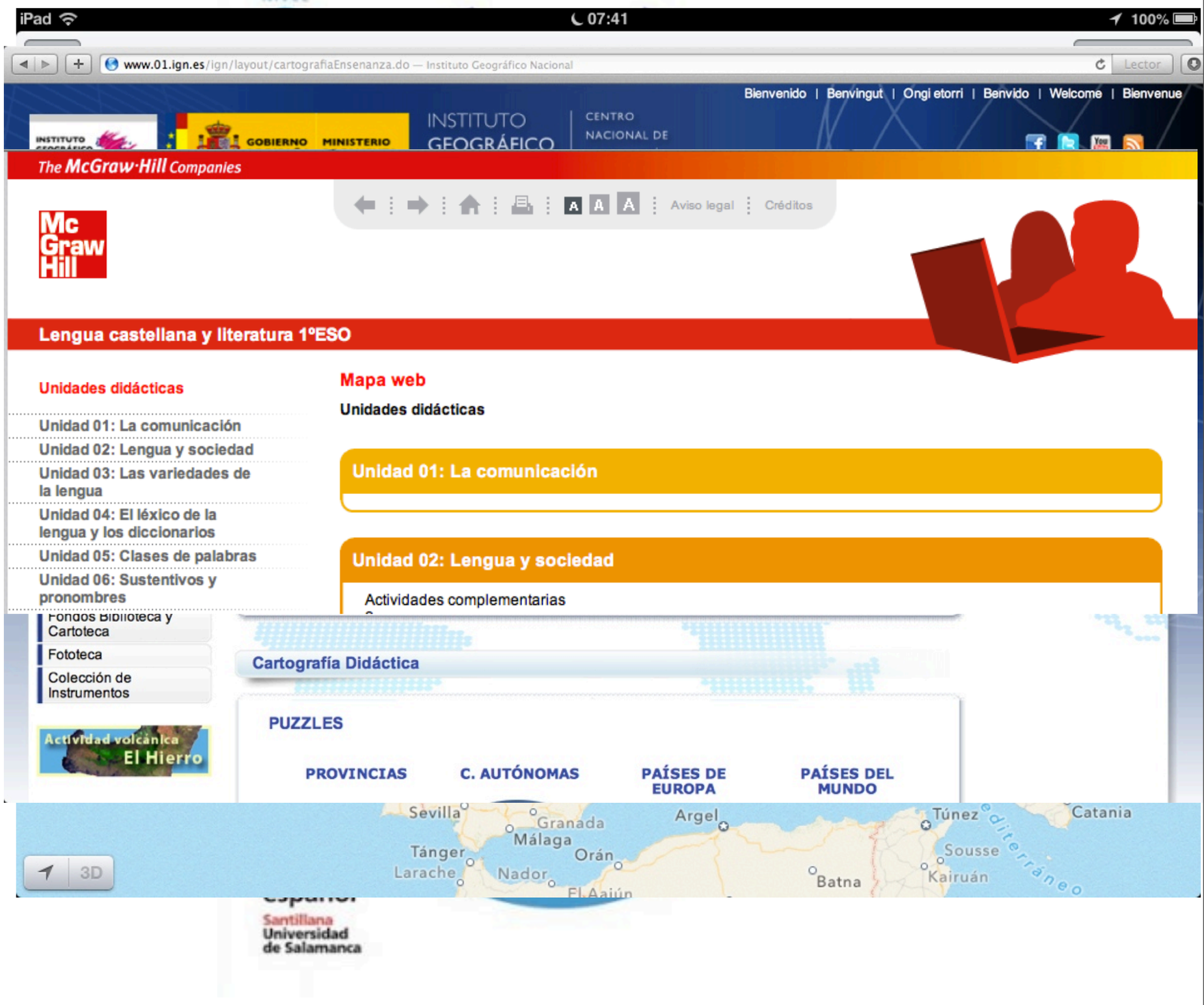
- **Skype / FaceTime**
  - student collaboration, contact with native speakers and students abroad

- **iOS 5 / 6**
  - greater language resources and interface in Spanish

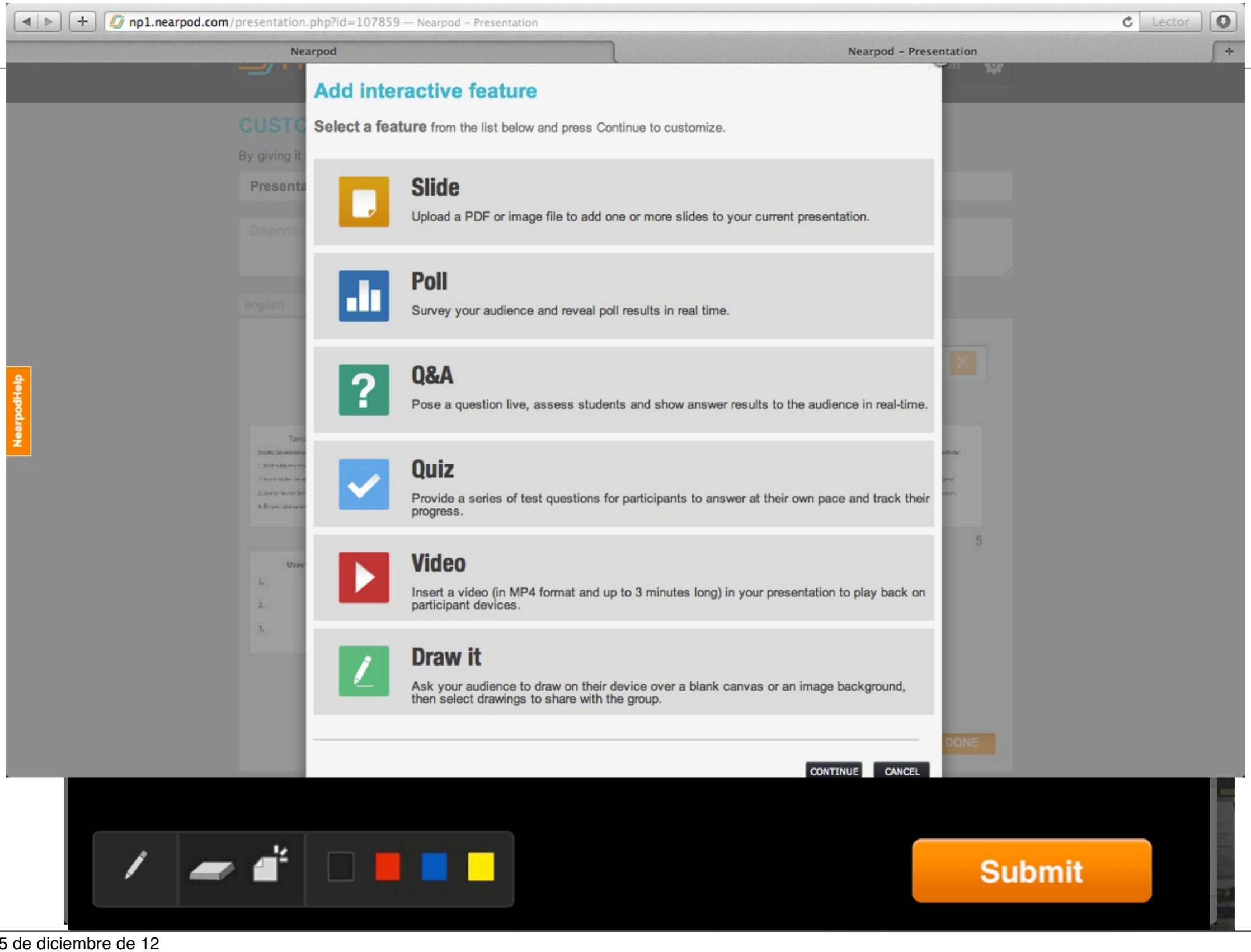
- **iCloud / Google Drive**
  - dissemination and collection of student work

Increased Access to Primary Sources

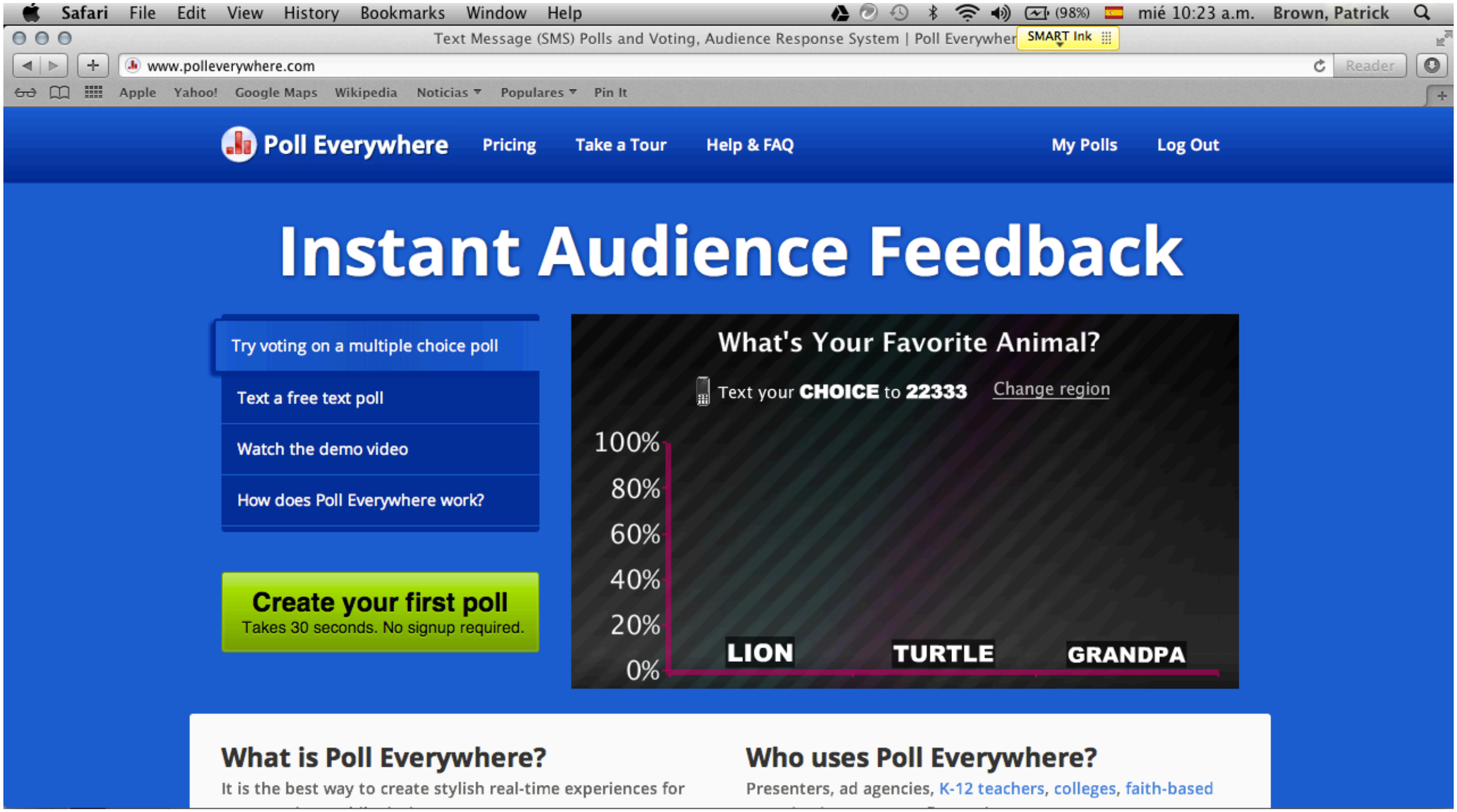
- Maps now available in Spanish (iOS/Bing)
- Santillana eBooks
- McGraw Hill Interamericana de España
- Instructional Resources from Foreign Institutions
- News Apps
- Online Research



Immediate Feedback: Nearpod



Immediate Feedback: Poll Everywhere



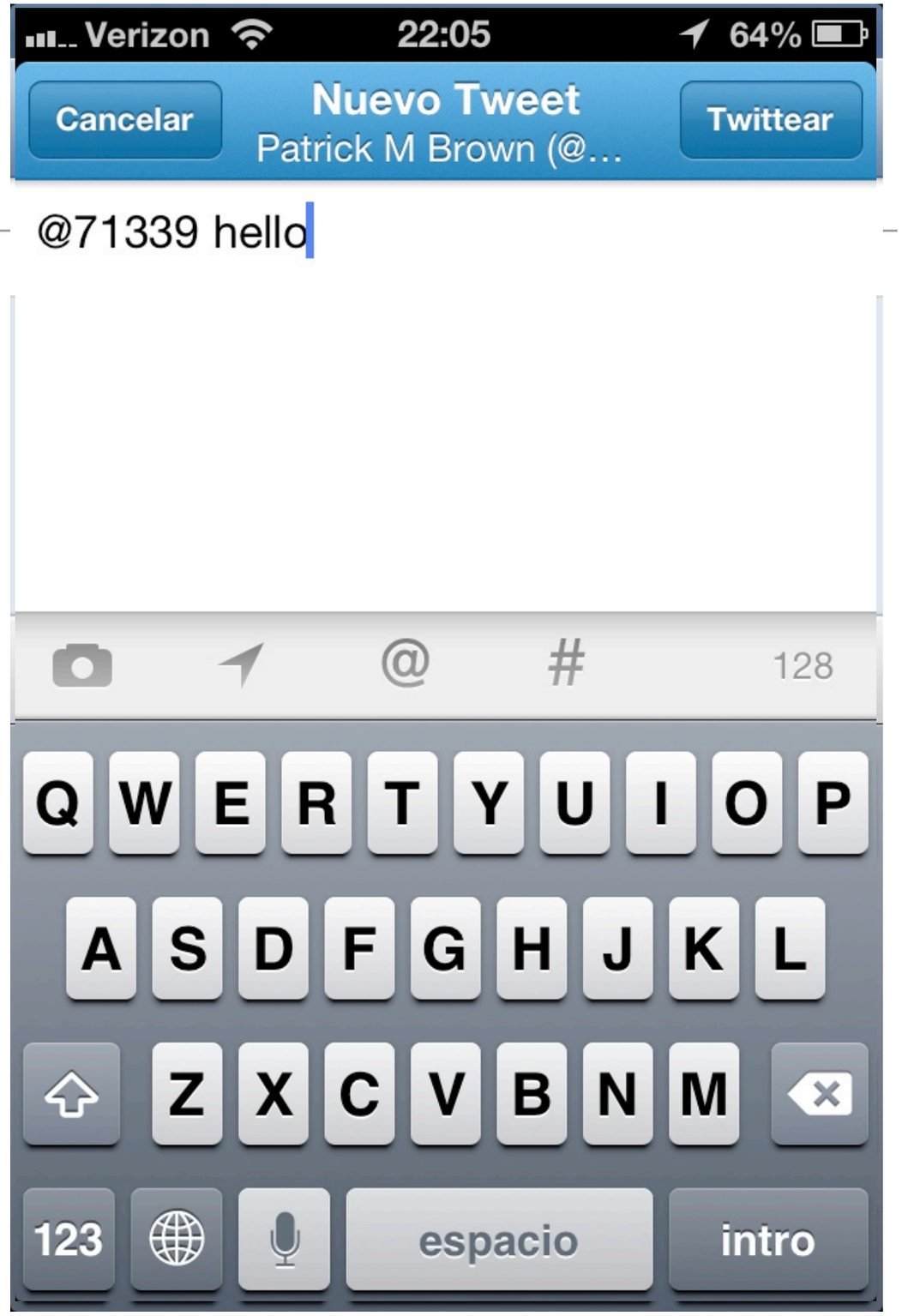
POLL EVERYWHERE

- **Pick one or two words that best describe the immersion experience.**

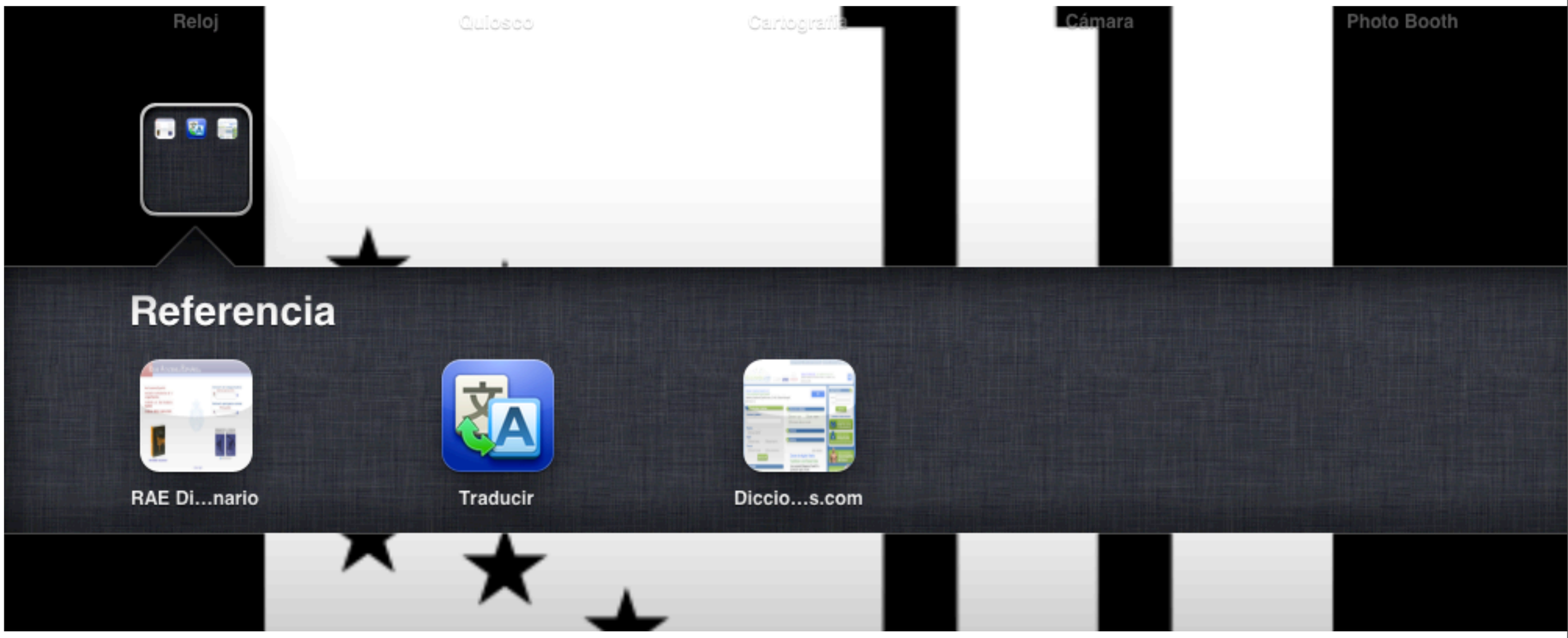
- **Text 71339** and your answer to**: 37607**

- At **POLLEV.COM** submit **71339** and your message

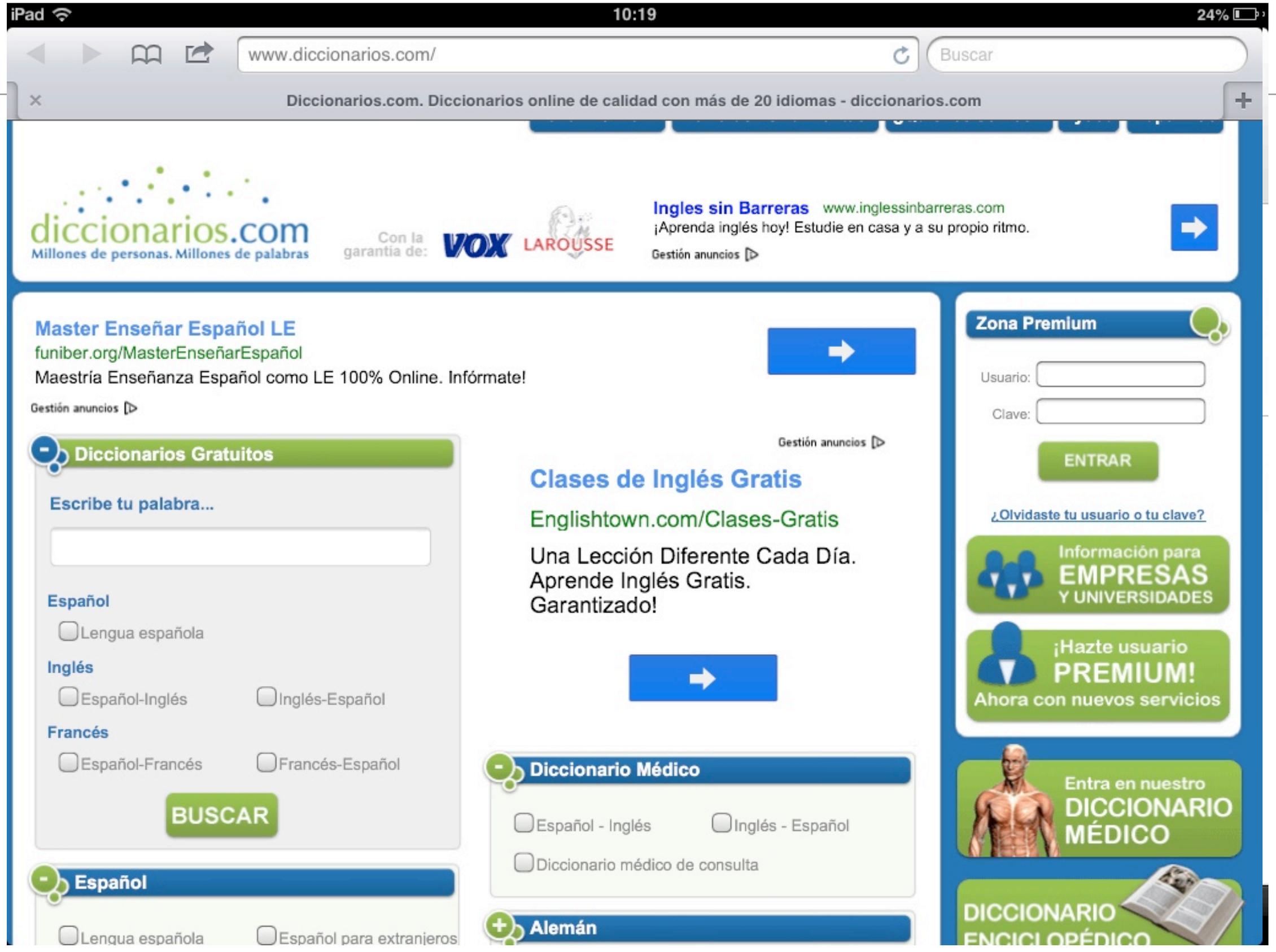
- **Tweet @71339** and your message



Tailoring Vocabulary



Tailoring Vocabulary



Tailoring Vocabulary

Diccionario Personal
CGMS
Inmersión en español

Nombre y apellido:_____

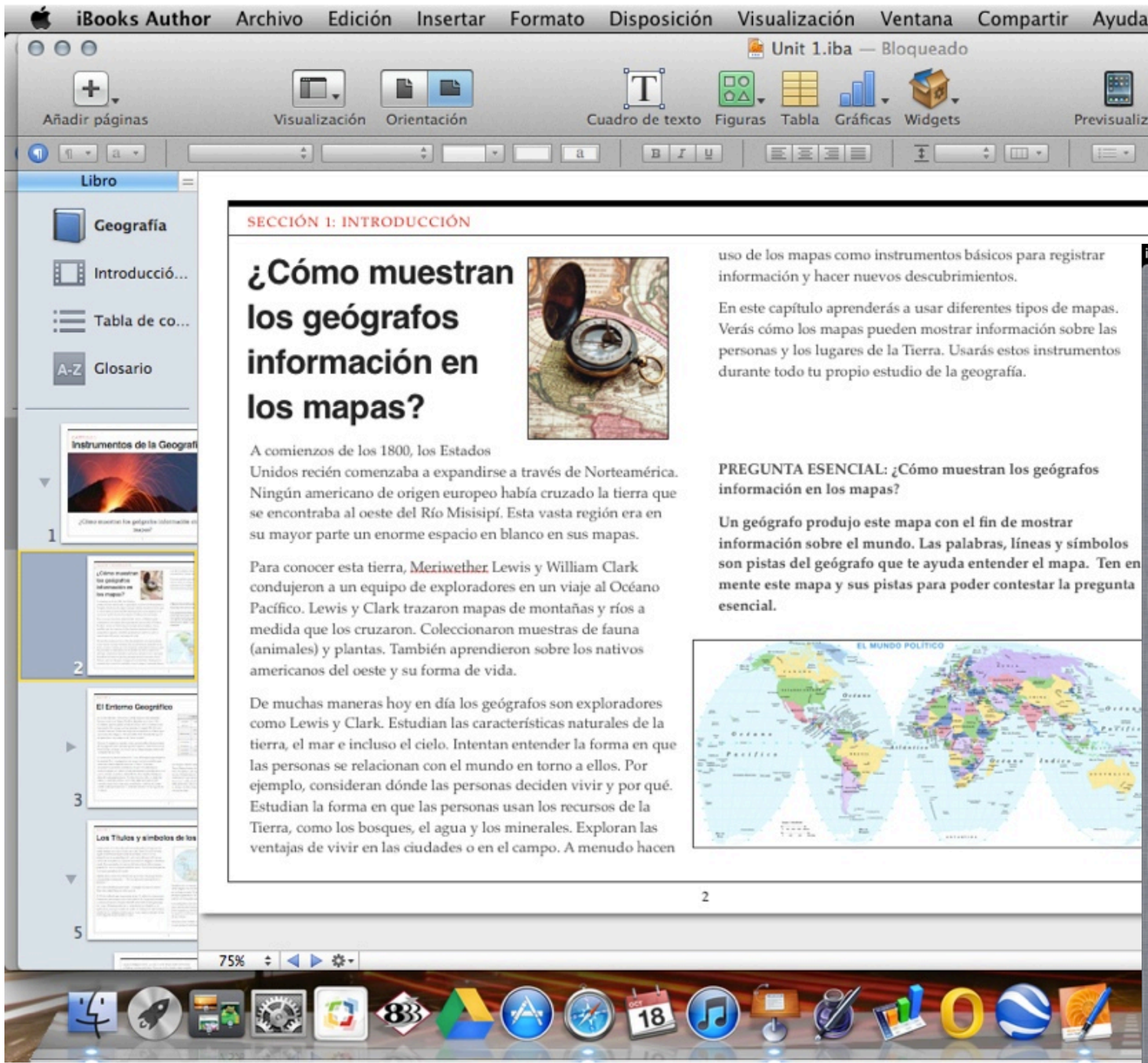
Hora:_____

Fecha:_____

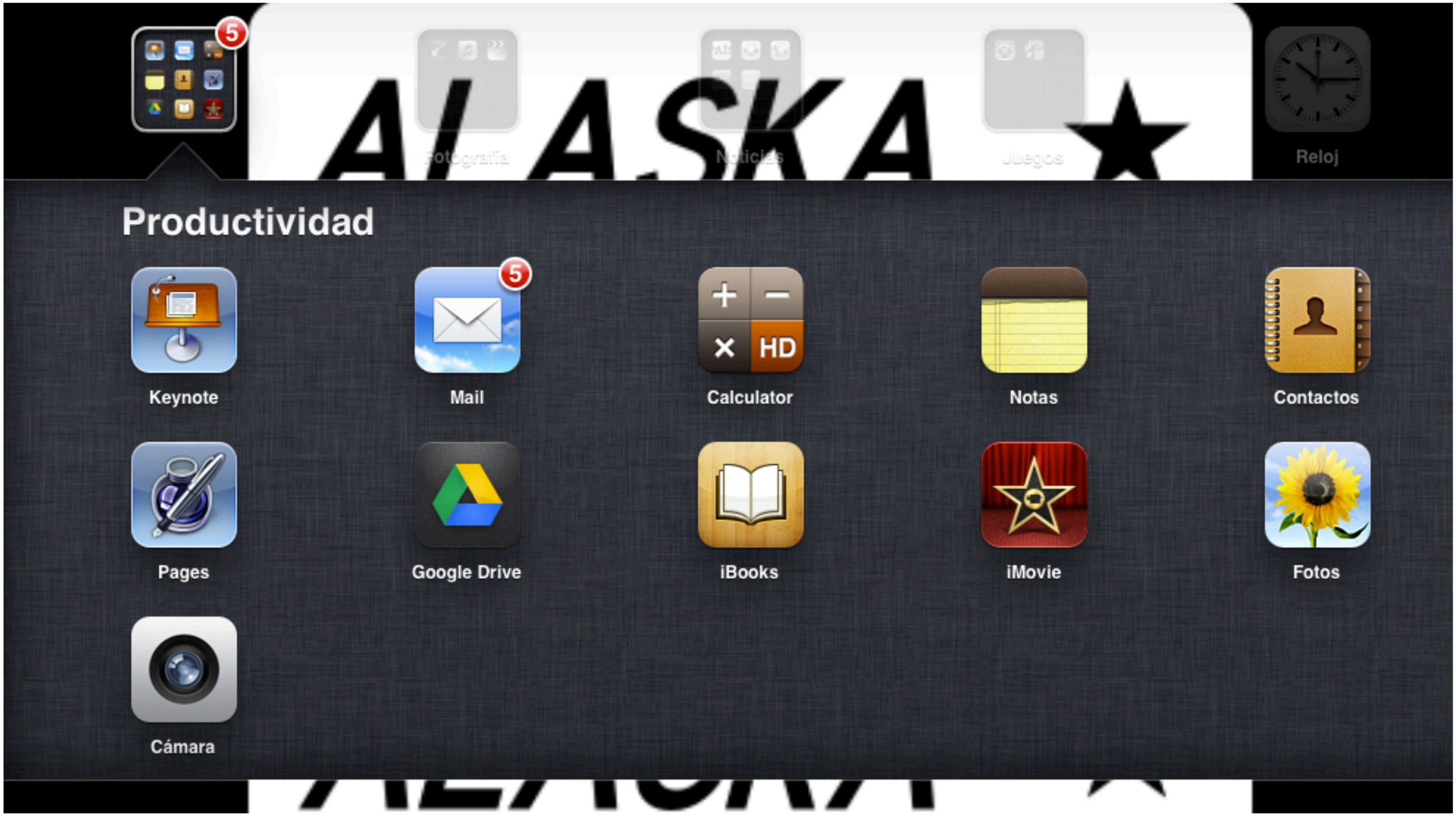
Palabra / término	Categoría gramatical	Definición	Ejemplo en oración

iBooks Author

iBooks Author
Create and publish amazing
Multi-Touch books for iPad.



Meaningful Use of Target Language



Production Benefits: Writing

[Como otros países del mundo, Canadá tuvo en los años setenta un periodo de mayor intervención del Estado en la economía.] Desde la década de 1980, sin embargo, la tendencia ha sido de liberalización. [El Tratado de Libre Comercio con Estados Unidos de 1987, posteriormente ampliado a México en 1994, marcó el inicio de un proceso que llevó a Canadá a convertirse en una de las economías más abiertas del mundo.] El manejo de las finanzas públicas, por otra parte, se hizo más cuidadoso, sin importar el partido político en el poder. El resultado es que en los últimos años Canadá ha tenido tasas de crecimiento que superan a la media de los países industrializados y ha disminuido de manera importante su desempleo y su pobreza.u

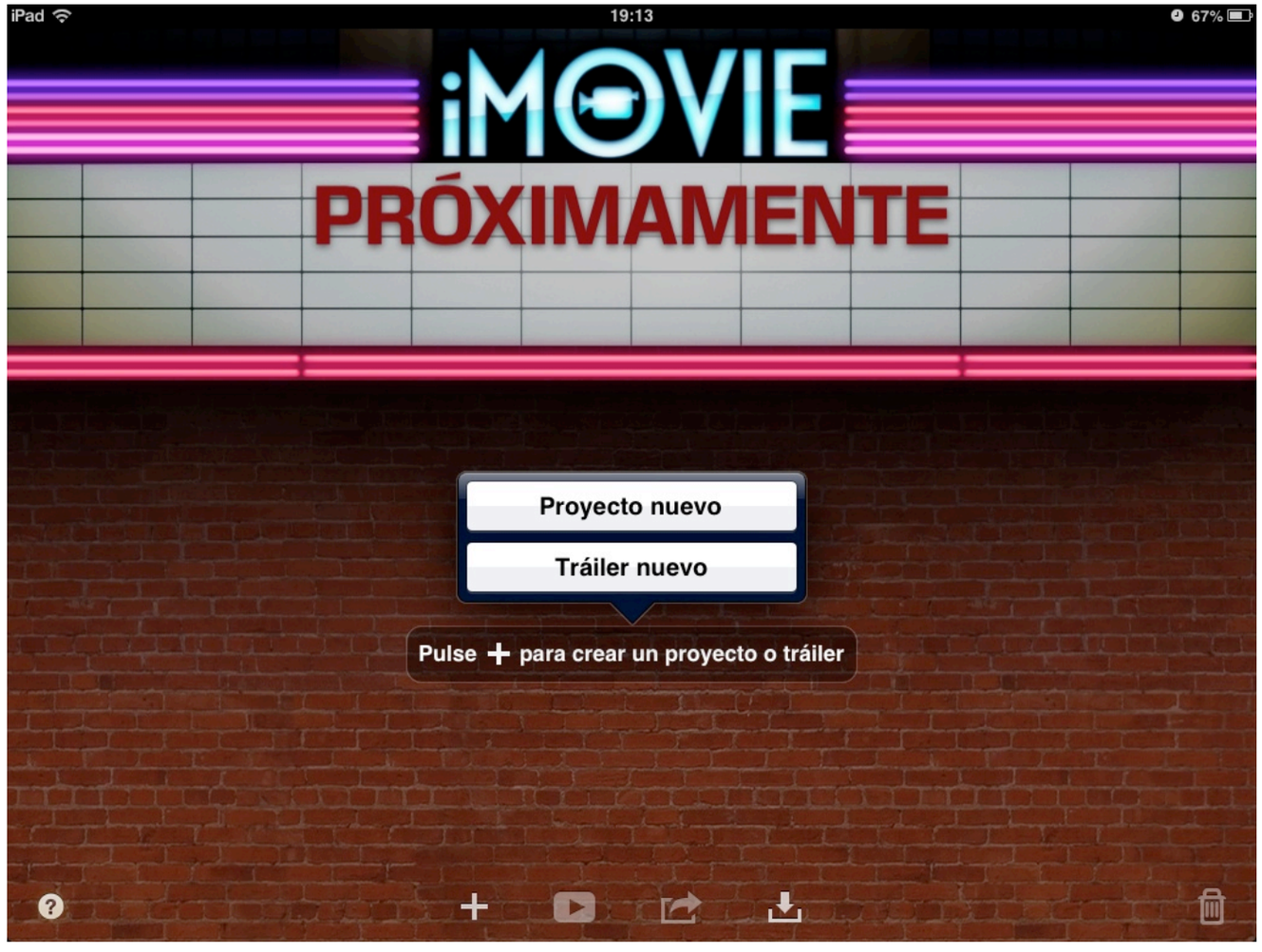
Pages

Production Benefits: Presentations

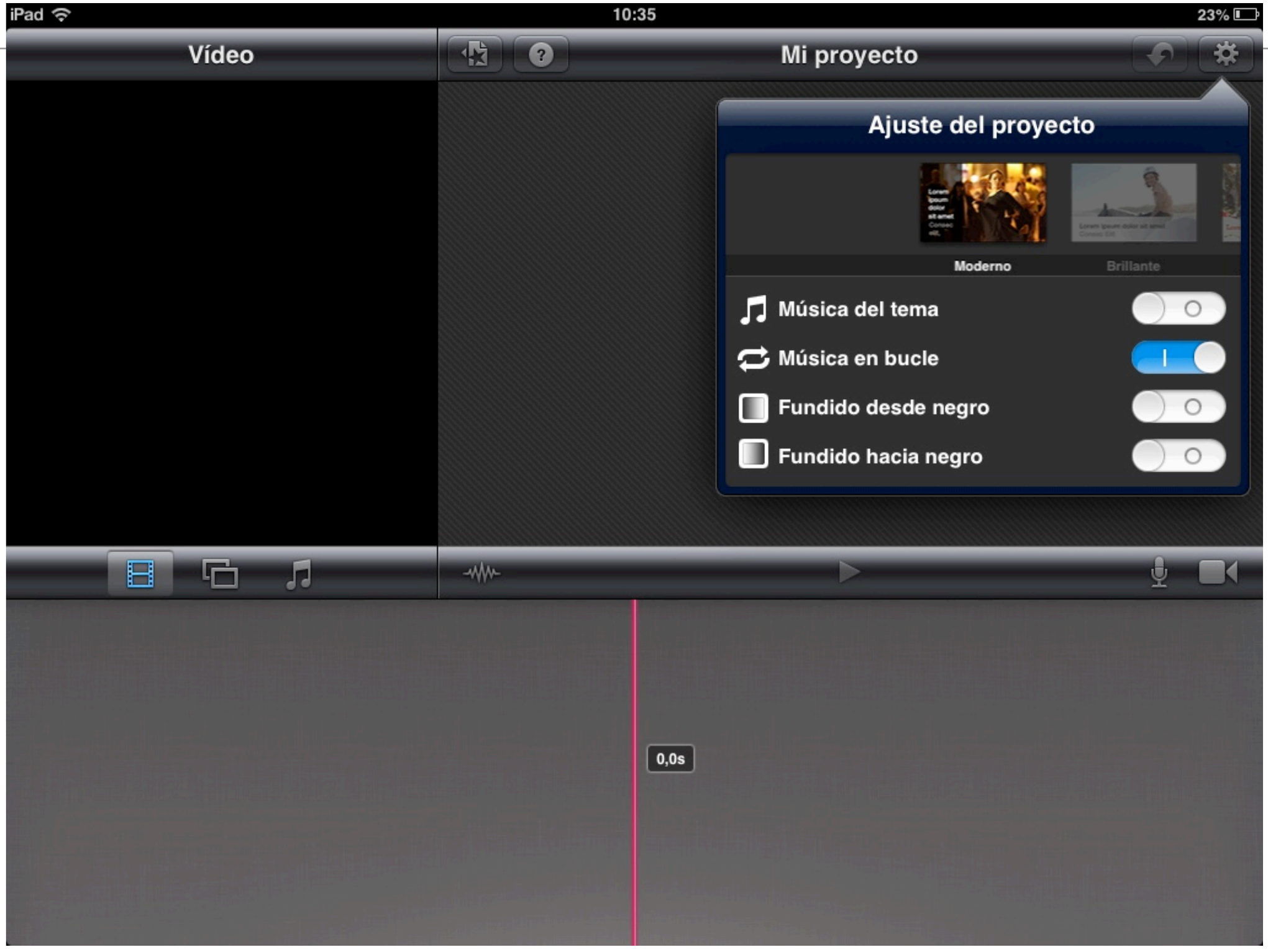
Keynote

Production Benefits: iMovie

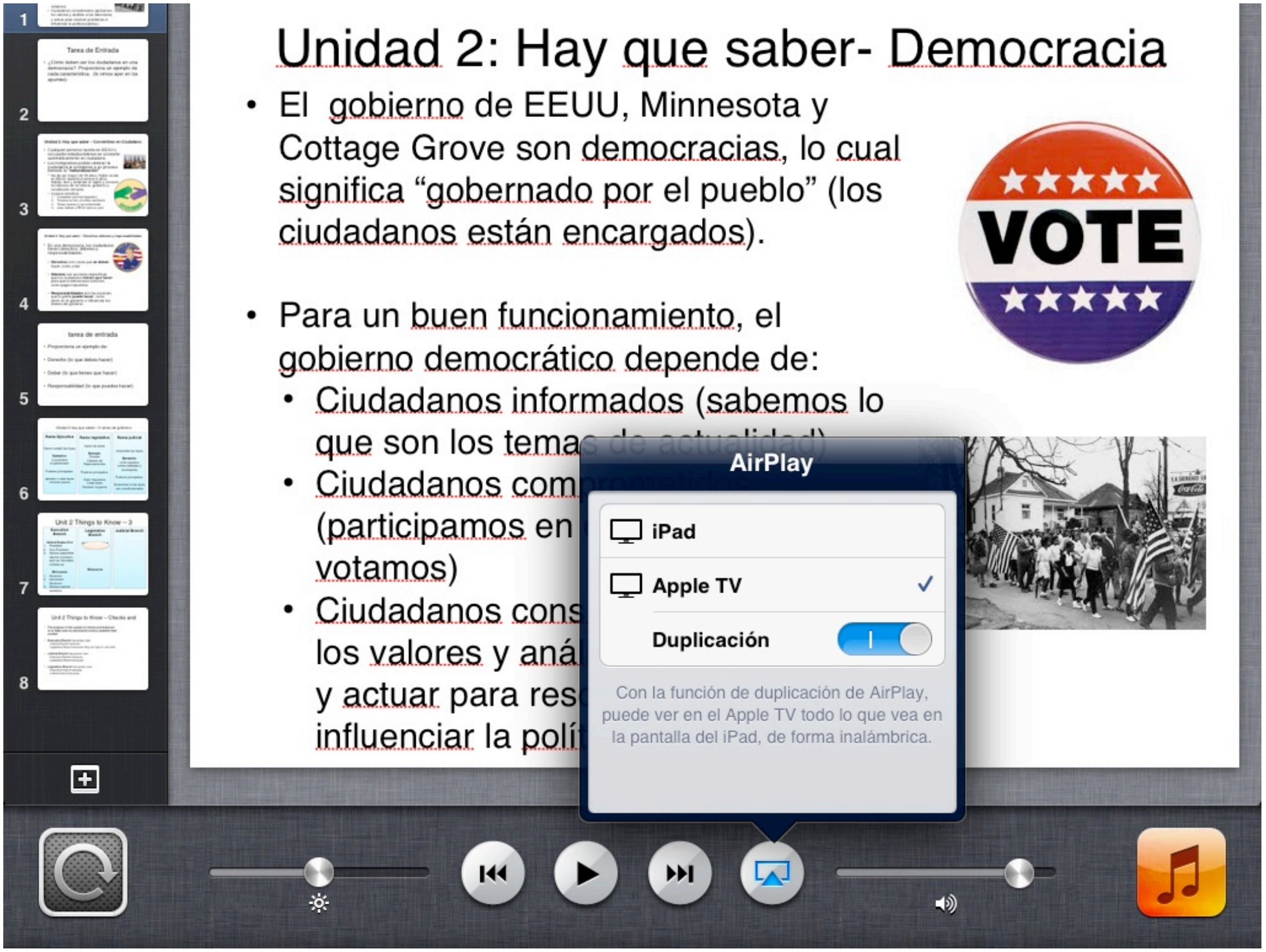
- **Middle School Orientation Video**
- **Context: Spanish class:** Expository essay
- **Written:** Write about what 5th grade students should know about Spanish Immersion in grade 6
- **Oral:** Produce a 1 minute scene about one of the topics you wrote about
- **Technological Task:** Edit and produce oral presentation in iMovie to be used as part of larger presentation



iMovie

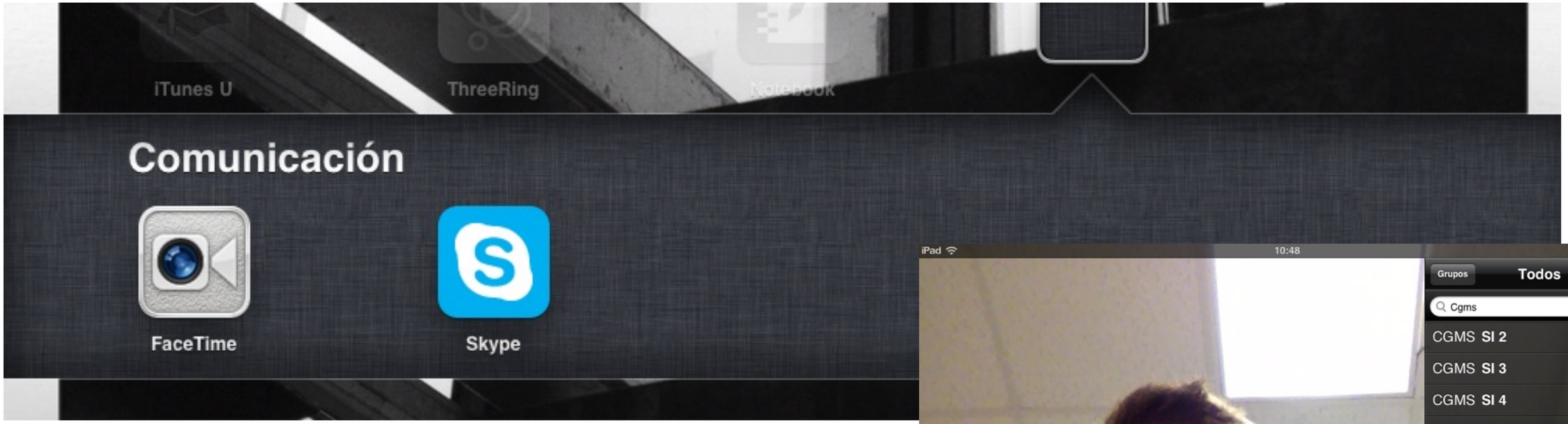

iPad
10:35
23%
Vídeo
Mi proyecto
Ajuste del proyecto
Moderno
Brillante
Música del tema
Música en bucle
Fundido desde negro
Fundido hacia negro
0,0s

Production Benefits: Apple TV AirPlay



Student Work: iCloud / Google Drive

Communication: FaceTime / Skype



- student homework groups
- contact with pen pals abroad

Authentic Sources: Reading / News

Authentic Sources: Games and Fun

Obstacles: **Capital**

	Cost
SMART Board	$10.000
SMART Response	$2.000
iPad	$500x 30 =$15.000
Laptop	$500x 30 =$15.000
	$42.000

$42.000 =
1 teacher 2 PT Paras 5.000 books for library Bussing for student activities

Cost

- iPad: 16: funded through Spanish Immersion PTSO and ISD 833
- MacBook: district provided to all staff (part of district strategic plan)
- Apple TV: $100
- Student devices: $0
- Apps: $0 (or select apps via Apple Volume Purchase Plan)

Funding Web Sites

- http://www.gofundme.com
- http://www.donorschoose.org

Obstacles: Culture of Technology

Teachers	Students	Parents
- Teach acceptable use of technology - Display uses of technology - Learn from how students use devices and why they use them	- Learn and comply with acceptable use - Be motivated to use technology and learn how to use it - Bring in their own devices to apply knowledge - Allow students access to resources and online content	- Concerns about child's online presence - Understanding how to apply skills outside of school - Desire for more online / digital content - Access to resource (have's and have not's)

Obstacles: Access to Materials

- International iTunes Cards
- Amazon.com and ebooks from abroad (Fnac.es / Casa del Libro)
- *iBooks dictonanary language only available in English and Japanese**
- *Content blocked regionally by IP Address**
- *iOS does not support Flash but does support HTML 5*

Discussion:

Take a few minutes to answer the following questions.

- technology do I have access to in my classroom?
- What do I feel comfortable using?
- What have I tried with my students?
- What do I want to learn more about?
- What do I want to try?
- How is this a benefit to my immersion students?

Contact Information

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