Working with Projects in the STARTALK Portuguese through STEM and Project-Based Learning

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ELECTIVE PROJECTS

- **GEOGRAPHIC INFORMATION SYSTEMS (GIS)**

  It is a technology used to:

- Manage, organize, and manipulate spatial data
- Perform spatial investigation
- Visualize spatial data

ELECTIVE PROJECTS

- **DIGITAL STORYTELLING**

  It is the social and cultural activity of telling stories. Students:

- Choose a topic of interest
- Gather and select materials
- Prepare a script
- Discuss the scenes, act
- Edit the video

LESSONS LEARNED IN PBL

- Give students the freedom to choose a topic of interest for the group.

- Encourage students to establish their roles from the beginning of the project.

- Adjust the pace of the project as needed.

- Provide constructive feedback from instructors, peers, and professionals (presentation practice).

CHALLENGES - HLLs

- Different levels of proficiency
  - Be sure to use flexible grouping

- Diverging opinions within the group
  - Develop strategies with students to come to a consensus (class rules).

- Students not completing their tasks or losing motivation.
  - Provide constant feedback, extra time as needed, and a positive learning environment
  - Have an audience for students to present their projects

STRATEGIES FOR PBL IN HL CLASSES

- Provide enough time for students to bond.

- Familiarize students with the Global Competency Matrix.

- Promote a collaborative and positive atmosphere (more collaboration, less competition).

- Take advantage of the individual strengths in each group.

- Support self-direct learning as well.

Thank you! Obrigado! ¡Gracias!

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