

Supporting Spanish-Dominant Students in the U.S. and Mexico

English Learner students have tremendous academic potential and promise. They represent an important bicultural and bilingual resource to California and the nation. Better-educated EL students contribute more to our economy and society.

To nurture this promise, UCLA's Project SOL formed a partnership with the University of Guadalajara.

We designed an online curriculum for secondary ELs who often confront significant challenges in school.

We provide access to core math courses in a language that EL students understand, which maintains their momentum towards high school graduation.

Project SOL can counter the heavy loss of immigrant students from the education pipeline.

Elements of the SOL 2.0 Curriculum

- **SOL** is **S**econdary **O**n-line **L**earning
- Bilingual English-Spanish
- Free and *open access* to any school
- Interchangeable modules adapt to integrated or traditional classrooms
- Ancillary materials support students at different levels of understanding
- Materials can be used on-line, projected in the classroom, by the whole class, small groups or individual students.
- Aligned to both Common Core state standards and to the University of Guadalajara *preparatoria*

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What is Project SOL?



*Helping Students to
Realize their Potential*





How Do ELs Learn English if the Materials are in Spanish?

Our philosophy is based on the *linguistic transference principle*:

Anything a student learns in one language will be transferred to any other language that student acquires.

Project SOL contributes to **language development** in *English and Spanish*.

Project SOL's *bilingual* math curriculum introduces both **English and Spanish vocabulary**.

As students' English is developing, their **math knowledge acquired in Spanish will transfer to English**.

The availability of a bilingual, English-Spanish curriculum provides **critical access to key content areas**, in order to *meet the academic and linguistic needs of students*.

Why a bilingual, Common Core standards-aligned, open access, secondary math curriculum?

Many adolescents enter the U.S. with limited English skills, languish in schools unprepared to educate them, and too often they simply drop out.

EL students **reside around the U.S.**, with limited teachers qualified to teach bilingually.

There is a great need for bilingual college prep curricula that EL students understand, keeping them engaged in high school and on the road to successful graduation.

Project SOL supports students on both sides of the U.S.-Mexico

border with materials in their own language, or as a resource for those choosing to study bilingually.

FACTS:

40% of 16-19 year old Latino immigrants nationally **drop out** of U.S. high schools.

11% of all U.S. K-12 students, or *more than five million*, are English Learners.

California has about **1.4 million** EL students. **29%** are enrolled in secondary schools and **75% speak Spanish**.