

**Duluth Public Schools Fund Grant Application**

**Project Title:** Chrome Language Grant

**District:** ISD 709

**Site:**Denfeld High School

**Program:**English Language Development

**Instructor:** Melissa Kliegle

## PROJECT OVERVIEW

The purpose of this technology integration project is to provide English Learners (ELs) with web-based learning opportunities through the use of Google Chromebooks in their English Language Development(ELD) course to create ongoing shared meaning of academic language input as well as produce academic language output in authentic contexts relevant to 21st Century learning. The request is for \$1,166.00 for the purchase of four Chromebooks to be used in a classroom set of devices. The project would take place in the 2016-2017 school year and be used in small classes of five students. Expected outcomes include an increase in language proficiency as demonstrated by a multi-measured review of student language growth.

## LOGISTICS

The ELD instructor who would facilitate the integration of Chromebooks into the classroom is qualified and trained in technology, having received a Certificate in Online Instruction from the College of St. Scholastica in 2013. Descriptions and course outlines for this 12-credit graduate-level program can be found [here](#). The instructor has also participated in a focus group planning the implementation of a 1:1 program using Google Chromebooks in a different district and currently uses Google Classroom as the LMS for ELD courses.

District compatibility in terms of web access and usage has been tested and confirmed. The Director of Technology has instituted Chromebooks for online assessments and has verified that they function adequately for the purposes outlined in this proposal. Chromebooks are also currently used at Denfeld High School by multiple departments. The ELD instructor currently collaborates with district technology personnel and instructors with classroom sets of Chromebooks to maintain current understanding of educational technology and how it can be used to promote best practices.

District funding for the ELD department has been allocated to human resources, professional learning opportunities, assessment materials, and paper-based curriculum. Current assets in the area of technology at this site include one teacher desktop and one teacher Chromebook, both of which students use daily in light of the deficit of student resources. At this point, the department coordinator is working to secure funds for at least one more Chromebook for student use. This grant funding would go toward the purchase of four additional Chromebooks,so a classroom set of five Chromebooks would be available solely for student use.

## ALIGNMENT WITH DPS FUND GOALS

This project would coincide with the Duluth Public School's Fund Program Development Goal to "support projects which focus learning on creative analysis, inquiry, problem solving and thinking skills." Such aspects of learning would be enhanced through an increase in motivation and collaboration among the students.

Motivation is directly affected by relevancy of classroom tasks, and the students themselves acknowledge that Web-based learning aligns with their current skill sets and desires for learning opportunities using education technology. They co-created [this video](#) to share their thoughts on why Chromebooks help them learn language:

When students engage with language input (listening and reading) through Google Classroom and Google apps, they are not only having authentic exposure, they are interacting in collaborative contexts that are meaningful in a 21st Century environment. Collaborative learning, which is central to language development, is enhanced through the opportunity to interact with co-learners in real time when student use Google Docs instead of worksheets, for example, and immediate and reciprocal feedback is available to both the instructor and students.

### CORRELATION WITH DISTRICT GOALS

This project correlates with Duluth Public School's belief that "all bilingual and multilingual students are assets to our school and community. As such, all English Learners (ELs) should be supported to reach their highest potential. The Duluth Public School works to ensure equity and access to high quality instruction for ELs which includes research-based language instruction that is aligned to state academic standards and allows students to participate meaningfully in educational programs that capitalize on ELs' cultural and linguistic assets to acquire and achieve academic excellence." The use of Chromebooks in ELD course helps ensure students have access to learning tools that are widely used in the district and throughout educational, business, and community contexts. Benefits of the integration of language, content, and technology include a diversification of the real-life skill set students need to gain from their language learning environments.

### EXPECTED OUTCOMES

As students engage in language learning tasks enhanced through educational technology, it is

expected that growth will be seen in individual language proficiency in the areas of listening, speaking, reading, and writing.

Summative measurement of student growth in language proficiency will be measured by the annual [ACCESS](#) test. Formative feedback is measured through ongoing student portfolios, quarterly proficiency reports, content course performance, and other feedback from the instructional team.

It is expected that daily engagement with language through the use of educational technology will positively affect language growth because students would have repeated exposure to multi-modal language input in meaningful contexts and would be able to produce language in varied multi-media contexts.

## BUDGET

VENDOR = TIERNEY BROTHERS

GENERAL DESCRIPTION = HARDWARE

ITEM 1 DESCRIPTION = DGJH SS CHROMEBOOK DELL 11 (BLACK TRIM), INTEL CELERON PROCESSOR, 16GB SSD, 4GB RAM - 1 YEAR WARRANTY (OBJECT CODE 1460.00)

ITEM 1 QTY = 1

ITEM 1 PRICE = \$257

ITEM 2 DESCRIPTION = DELL MANAGEMENT CONSOLE (OBJECT CODE 1460.00)

ITEM 2 QTY = 1

ITEM 2 PRICE = \$26.50

ITEM 3 DESCRIPTION = CHROMEBOOK ETCHING (OBJECT CODE 1401.01)

ITEM 3 QTY = 1

ITEM 3 PRICE = \$8.00

**Total: \$1,166.00**

**Thank you for your consideration.**