



“The Family Car” ESL Lesson on Used Motor Oil Recycling

The Family Car is a lesson designed for use in adult ESL (English as Second Language) classes. It introduces basic information about how and where to recycle used motor oil and filters for people who change their own oil. The lesson is currently taught in ESL programs in more than 20 counties in California.

The goal of the project is behavior change: proper recycling of oil and filters by people who have previously disposed of the wastes in the trash, down drains, or on the ground.

C²: Alternative Services developed the lesson with a \$300,000 grant from the California Integrated Waste Management Board. The grant-funded program was completed in late 2007 but local jurisdictions in most of the counties targeted by the grant have agreed to continue funding, and other counties have funded it as well. The program has several important elements:

- The lesson is tailored to each local area where it is taught, so that students receive specific information on oil recycling locations.
- Teachers in each area are given an orientation to the lesson and the key messages that students should learn about recycling oil and filters. Teachers are also provided with a stipend upon completion of a class record form.
- All class materials are provided to each ESL program, including various teaching aids.

So far we have analyzed class record forms and other data for more than 1200 classes, totaling over 22,000 students. The project is successful by several measures:

- An increase in collection of used motor oil in communities where the lesson is taught of about 100,000 gallons in the first year of the project. Analysis in subsequent years shows a continuing increase.
- Students in the ESL classes where the lesson is taught have a rate of DIYer oil changing more than twice the average of the general population. In addition recent immigrants are known to have a high rate of improper disposal.
- Very positive reviews of the lesson materials from ESL teachers who have used them
- High level of interest and participation in the lesson by adult ESL learners as reported by teachers
- Self-reported behavior change by students following their exposure to the lesson
- The project website www.thefamilycar.info is receiving thousands of 'hits' per month.

Teachers are enthusiastic about the lesson, both for its utility in teaching English, and for the content. They report a high level of student interest and involvement, and frequently relate that class discussion was lively and ranged widely into other environmental topics. We have received many requests for additional lessons with environmental themes.

More information is available at the project website www.thefamilycar.info.



Used Oil Recycling Program
_____ County
SCOPE OF WORK

C²: Alternative Services shall assist staff to accomplish the goals of the Used Oil Recycling Program which is funded under Block Grants from the California Integrated Waste Management Board (CIWMB).

The purpose of this project is to maintain an existing program to educate newcomers through lessons in adult English as Second Language programs in _____ County. The program was developed with funding from a CIWMB grant awarded to C²: Alternative Services in 2005.

Tasks and Deliverables

All tasks and deliverables are included in the unit pricing listed below. These include:

- Update the _____ County version of the "Family Car" student lesson book to keep oil recycling information current. Provide updated pages for staff review.
- Update the "Additional Information and Resources in _____" in the teacher packet as needed, including any information provided by staff. Provide updated version for staff review.
- Provide ESL programs with all student and classroom materials in sufficient quantities for the number of classes to be taught. This includes individual student lesson books; video message pens for students; teacher packets; sets of "realia" (several props for teaching vocabulary, including jug, filter, funnel, drain pan, etc.); and _____ County versions of transparencies for overhead projector and/or power point presentation.
- Provide additional materials as requested and provided by staff. These may include brochures, flyers, posters, premiums, etc. for teachers and/or students.
- Conduct teacher orientations as needed. This includes scheduling, travel and meeting with teachers individually and/or in groups.
- Receive class record forms from teachers and promptly pay a \$50 stipend for each form. This payment is compensation for time spent to complete and send the form.
- Record data from class forms. Analyze the data specific to _____ County and present it in a memo at the end of the year or on request. Provide copies of the database and/or original class forms on request.
- Maintain contact with teachers and ESL program coordinators. Answer questions, research additional information, and in general act as a resource for teachers on used oil recycling and related subject matter. When necessary, make repeated requests of teachers to complete and return class records.

- Maintain and continue to develop the website www.thefamilycar.info, including updating _____ County information available on the site.

Timing, Logistics

Tasks will begin upon approval of this Scope of Work. The term of this agreement shall be from approval through June 30, 2008.

Connie Cloak, Partner, will have primary responsibility for this project and will be the principal contact with County staff. Hugo Mata, Bilingual Outreach Specialist, will provide staff support. Chris Carrieri, Partner, will provide additional support as needed.

Costs

Invoices shall be submitted approximately quarterly as class record forms are received. All expenses are included in the unit pricing of \$325 per class taught, as documented by the class record forms.

Total billed shall not exceed ____ classes at \$325= \$_____