



## HOW THE PROJECT BEGAN:

Caroline Garvey is a high school student in Portland, Oregon. Challenged by chemistry, she began making toffee to test molecular changes with sugar—one of the main ingredients in toffee. Following a family recipe, she made toffee that proved not only instructive for her chemistry studies but popular to eat. So popular, in fact, that she started The Toffee Project to raise money for Oregon Kids. Her project has since inspired others to get involved, and today Boys & Girls Club members have joined to help make toffee for others. All profits are donated to charity.

Caroline's cousin Reid Goodman, a sophomore at Catlin Gabel, has joined the project to help raise money for local charities. They have visited several of the Boys and Girls Club kitchens to demonstrate the art of making toffee. It's actually a lot more complicated than it looks as the slightest moisture or too much air exposure can turn the caramel into a grainy mush, and the chocolate needs to be heated and cooled through a tempering process to avoid bloom—a fatty residue that makes chocolate look like it's infected with a white virus. Inspired by Caroline and Reid's leadership, Club members are learning about chemistry and supporting good causes around the state of Oregon!



## OUTREACH:

Coffee People at the Portland airport first started purchasing our toffee in early 2008, and currently sells the packets in three of their airport Kiosks. The packets are sold for \$1.50, with nearly half the money going to the charities benefited by the Toffee Project. More than 170 pounds of toffee has been sold to Coffee People and another 40 pounds has been purchased for use as party favors at local benefits. The Toffee Project has raised more than \$600 so far to benefit Oregon Kids.



Reid and Caroline now hope to work with the science, art and tech teachers at Catlin Gabel to create a two day summer school class about the chemistry of candy making combined with learning computer skills to design a picture book about the project.

## HOW YOU CAN HELP:

You can help by ordering delicious toffee to support local kids! Toffee packets can be ordered directly by emailing the Toffee Project at [garvey200@comcast.net](mailto:garvey200@comcast.net) or call the Boys & Girls Clubs at 503.232.0077.

