

Creative Discovery Museum receives Pinnacle Award

The educational partner of CBI – The Creative Discovery Museum (CDM) has been awarded from the Center for Interactive Learning and Collaboration (CILC) a 2019 Pinnacle Award.

The Biofuels: Hands-On Exploration of Alternative Energy Options

The program is a series of classroom education lessons presented through the Museum's school outreach program which provides lessons by for Grades 4-12 on the scientific processes for creating biofuels from switchgrass rather than from corn. Each session is conducted via videoconference with a CDM staff member and can accommodate up to 30 students per session.

The program begins with a discussion of biofuels and gasoline and then a comparison and contrast of four fuel types. Next, the program explores the controversy between gasoline and biofuels by relating it to the carbon cycle and ocean acidification. The students then model the process of ocean acidification through a hands-on activity and participate in a game of "does it contain corn". The idea of switchgrass and a biofuel source is introduced and ends with students modeling the cell wall of both corn and switchgrass.

CDM biofuels website is available at: <http://learnbiofuels.org/>



The Pinnacle Award recognizes CILC content providers from around the world who have received outstanding ratings on program evaluations completed by educators and activity directors. This year's winners represent museums, science centers, art galleries, zoos, aquariums, musicians, and authors. All have delivered remarkable quality educational content and demonstrated exceptional skill at program delivery.

