## Diversity in STEM Teaching



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## Bringing Coffee Grounds Back to Life

Coffee is a drink that we often consume at home, work or at just spending time with friends. There is coffee grounds that we just though away, but we could bring them back to life. It could be ecological and sustainable appliance of the coffee.

Do you drink coffee? Do your parents drink coffee? What do you do with the coffee grounds? What can we do with coffee grounds?

Students' suggestions and ideas:

Increasing frictionGrowing mushroomsSoapOdor absorptionFertilizerHygiene productsProtection against pestsDish washDyeing fabric and clothes





Escalating problems students come up with the ecological coffee scented solutions.

Problem 1 – How do not slip on the winter road to school?

Solution: Design a road sprayer to scatter coffee grounds on the road.

Problem 2 - Would you like silky skin?

Solution: Soap with coffee grounds body scrub

Problem 3. Would you like cozy smelling home?

Solution: Unpleasant odor absorber made from coffee grounds.

Coffee connected us not only for communication but also for cooperation - sometimes the best ideas are at the bottom of the coffee cup.