video link: https://www.youtube.com/watch?v=HkvQywg\_uZA

***Word bank:*** *write the words in bold next to their definitions*

***moan / undermine / fast / finite / aquire / harass / horny***

|  |  |
| --- | --- |
| *sexually aroused* |  |
| *subject to aggressive pressure or intimidation* |  |
| *buy or obtain* |  |
| *abstain from or be deprived of food or drink* |  |
| *make a long, low sound* |  |
| *limited in size* |  |
| *diminish the effectiveness, power or ability* |  |

***Comprehension questions:***

1. **0:55** How does creative productivity compare to trash productivity in human life? Use examples.

2. **2:30** What two things is Malmo famous for?

3. **4:14** Why is Malmo’s system better than the one in NY?

4. **6:07** How is Yarra connected to John Oliver and what it has to do with the dolls?

5. **End** Why did Last Week Tonight decide to reprogram the garbage cans in Malmo?

DISCUSSION:

1. What do you think of Malmo’s system, is it effective?

2. What motivates you to recycle?

3. Does your country produce too much garbage?

4. What’s the difference between rubbish and litter?

5. What does it mean to call someone or something RUBISH? Have you ever used it?

6. What is the dirtiest city or place you have ever visited or heard of?

# How Cities Turn Recycled Materials Into Cool Stuff

***CAE reading and use of English*** *Part 1 – multiple choice*

# *Greening the Parks*

After Athens, Ohio, instituted a smoking ban in certain areas of the city, it became littered with cigarette **1.** hits / backs / butts / stocksconcentrated on the outskirts of the ban zones. To combat the problem, the city installed specially designed boxes to collect and recycle them. The result? People actually started using them to discard their cigarette hits / backs / butts / stocks. Once collected, the butts were cleaned to isolate the cellulose acetate in the filter. Recycling company [Terracycle](https://www.terracycle.com/en-US/) then **2.** soften / melted / dissolved / fused the material down, and transformed it into [sustainably-produced benches](https://www.thepostathens.com/article/2018/11/cigarette-boxes-reduce-litter-athens).

Recycled materials also took on an entirely new shape in Southington, Conn., where Kelley Elementary School was [among the winners](https://www.wfsb.com/news/southington-school-wins-new-playground-built-with-recycled-materials/article_d5a5e884-ecfe-11e8-8a8b-db1911e7d28f.html) of a nationwide contest for a new playground made entirely of recycled dental supplies. Colgate sponsored the **3.** contest / match / trial / tie to encourage the recycling of toothpaste tubes, toothbrushes and floss, so communities collected their own recyclable items from home and gathered materials from local dental offices.

And, in cities around the country, contact lens cases are being recycled into picnic tables and other park infrastructure, thanks to the ONE by ONE recycling program launched by Bausch + Lomb. According to a [recent study](https://www.prnewswire.com/news-releases/bausch--lomb-reports-more-than-five-million-units-of-contact-lens-materials-recycled-by-second-anniversary-of-one-by-one-recycling-program-300751091.html), 20 percent of consumers in the United States **4.** stuff / force / expel / flush their contact lens waste down the drain, contributing to over three billion contact lenses in the environment.

*Revolutionary Roads*

Recycled materials are even being used to repair and rebuild roads. A company called [TechniSoil Industrial](http://www.technisoilind.com/), for example, developed a liquid plastic for **5.** flooring / surfacing / repaving / flagging roads, and the material is [eight to 16 times](https://www.unr.edu/wrsc) more durable than traditional road materials. TechniSoil’s system, in addition to giving new life to recycled plastic bottles, also keeps milled asphalt from out of waste piles.

“Trillions of dollars’ worth of aggregate is used in roads. Why throw it away, or create new material, when you can recycle the old material again and again?” asks Weaver, noting that rock used in construction aggregate is itself becoming a limited resource. TechniSoil has already **6.** conducted / escorted / guided / administeredpilot projects in Russia, the Philippines and Qatar, and is now searching for a commercial partner to help it roll out its road repaving system throughout the United States.

And did you know that roof **7.** molds / trims / overlaps / shingles made from asphalt can be recycled and used for roads, too? In fact, states and local agencies around the United States [already use recycled asphalt molds / trims / overlaps / shingles](http://asphaltmagazine.com/using-recycled-asphalt-shingles-in-asphalt-pavements/)  on county, city and state roads. The Asphalt Roofing Manufacturers Association also has [a helpful FAQ for recycling asphalt molds / trims / overlaps / shingles](https://asphaltroofing.org/asphalt-shingle-recycling-faqs/) , along with tips for finding a recycler in your area.

*Recycled Art*

Who says garbage can’t be beautiful? The Nevada Department of Conservation and Natural Resources’ Nevada Recycles Program just announced the winners of its [End Plastic Pollution art competition](https://carsonnow.org/story/11/19/2018/carson-city-artists-win-two-divisions-statewide-recycled-art-contest), for which participants were required to create art pieces out of used and **8.** shabby /discarded /unattended / idle plastic materials. The winning art pieces will go on display in winners’ hometowns as inspiration for local residents to recycle.

KEY:

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