

2018

Recycle Today



Tampa Bay
Times
NIE
newspaper in education
tampabay.com/nie



Pinellas County's guide to
resource management

ALSO AVAILABLE ONLINE

Save this guide to use year-round • pinellascounty.org/recycle

Inside this guide

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Use this guide to sharpen your recycling skills and find out what goes where ...

... whether you're recycling at home, at school or at your business.

CONTACT US

 **727-464-7500**

 **recycle@pinellascounty.org**

Going beyond the text: Journaling to self-discovery

Keeping a journal is a great way to learn more about yourself and your community. Do you have strong beliefs about the environment? What environmental issues are important to you? Keep a journal while you are reading this Newspaper in Education publication and learning more about recycling and waste reduction in your community. To begin your journal, write about an environmental issue that you have read about in the *Tampa Bay Times* that directly affects your life. Share your thoughts with your family, peers and teachers.



How to Recycle Right in Pinellas County

Recycling programs are always changing. Whether you've been recycling for two months or 20 years, it's worth taking a second look at what your program accepts.

YES

Place clean and empty items loose in recycling containers.



Aluminum, Tin & Steel Cans



Cardboard (Flattened)



Cartons (NO straws)



Glass Bottles & Jars
(NO other types of glass)



Newspaper, Mixed Paper & Paperboard (Cereal boxes)



Plastic Bottles
(Plastic containers #1-7)

NO



No plastic bags, wrap, packaging or film

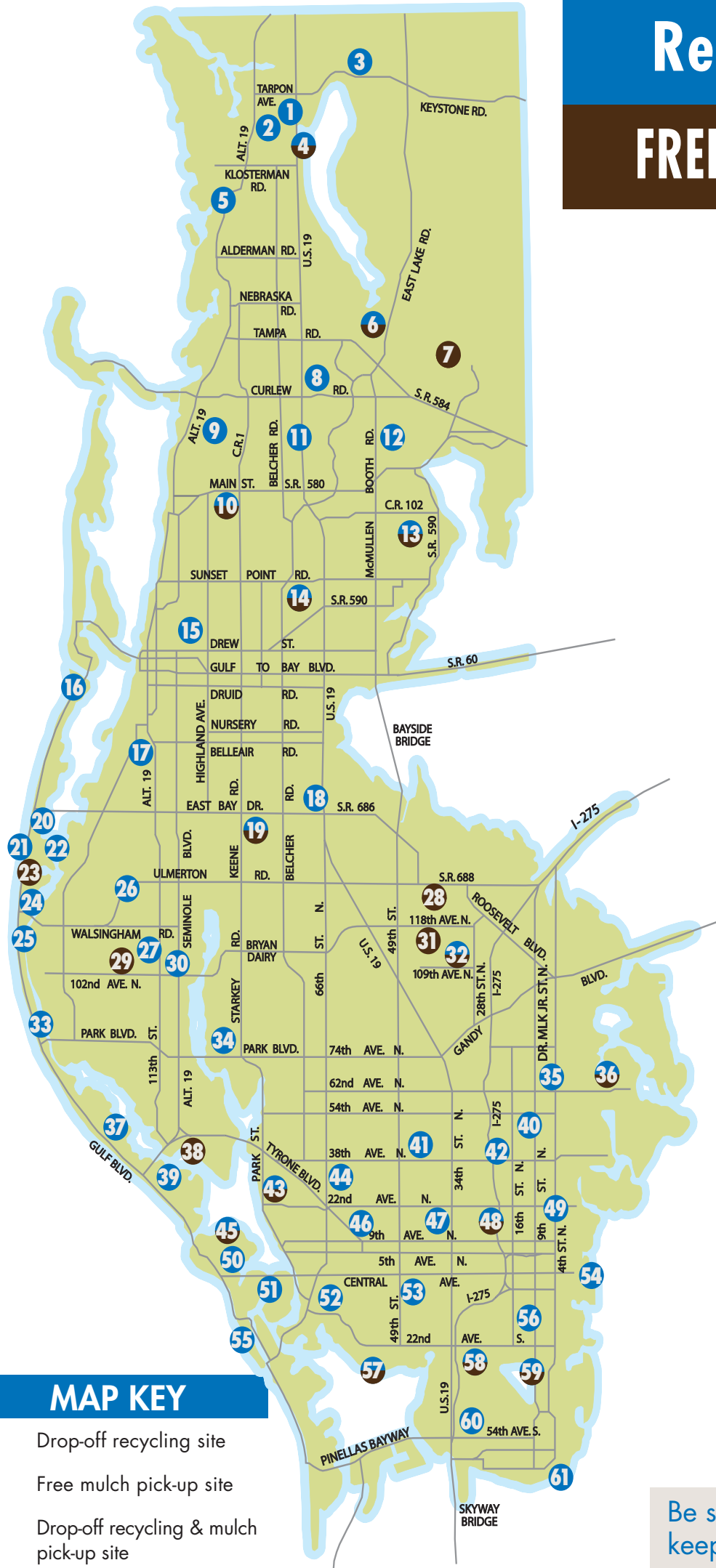


No paper towels, plates, cups, tissue or wax paper



No Styrofoam, foam containers or packaging

Recycling Drop-off Sites & FREE Recycled Mulch Pick-up Sites



MAP KEY

- Drop-off recycling site
- Free mulch pick-up site
- Drop-off recycling & mulch pick-up site

- 4 **A.L. Anderson Park**
39699 U.S. 19 N, Tarpon Springs
- 6 **John Chesnut Sr. Park**
2200 East Lake Rd., Palm Harbor
- 7 **Cypress Forest Recreation Center**
200 feet north of 650 Pine Ave. N, Oldsmar
- 10 **Lake Haven Recycling Center**
817 Lake Haven Rd., Dunedin
- 13 **Safety Harbor Public Works**
1200 Railroad Ave., Safety Harbor
- 14 **Clearwater Solid Waste Facility**
1701 N Hercules Ave., Clearwater
- 19 **Starkey Road Drop-off Recycling Center**
1551 Starkey Rd., Largo
- 23 **Beach Art Center**
Behind 1515 Bay Palm Blvd., Indian Rocks Beach
- 28 **Waste Management Brush Site**
12950 40th St. N, Pinellas Park
- 29 **Walsingham Park**
12615 102nd Ave. N, Largo
- 31 **Pinellas County Solid Waste**
3095 114th Ave. N, St. Petersburg
- 32 **Pinellas County Solid Waste**
2855 109th Ave. N, St. Petersburg
- 36 **City of St. Petersburg Recycling/Brush Site**
1000 62nd Ave. N, St. Petersburg
- 38 **Bicentennial Park**
East of 565 Tom Stuart Causeway, Madeira Beach
- 43 **City of St. Petersburg Recycling/Brush Site**
7500 26th Ave. N, St. Petersburg
- 45 **Rosselli Park, Isle of Capri**
Capri Circle S at Second St. SE, Treasure Island
- 48 **City of St. Petersburg Recycling/Brush Site**
2453 20th Ave. N, St. Petersburg
- 57 **49th Street Neighborhood Center**
1617 49th St. S, Gulfport
- 58 **City of St. Petersburg Recycling/Brush Site**
2500 26th Ave. S, St. Petersburg
- 59 **City of St. Petersburg Recycling/Brush Site**
4015 Dr. MLK Jr. St. S, St. Petersburg

Be sure to come prepared with a tarp or vehicle cover to keep your mulch load secured, as required by law!

RECYCLING DROP-OFF SITES



**Cardboard
(Flattened)**



**Aluminum &
Steel Cans**



**Glass Bottles
& Jars**



**Newspaper
Mixed Paper
& Paperboard**






**Plastic Bottles
(Plastic
Containers #1-7)**



**Cartons
(No Straws)**

Most programs accept the items listed above. See below for exceptions and additional information. Sites are listed geographically from north to south.

MAP KEY

-  Drop-off recycling site
-  Free mulch pick-up site
-  Drop-off recycling & mulch pick-up site

Free drop-off sites

Exceptions and extra information

Tarpon Springs

- | | |
|----------|-------------------------------------------------------------------------------|
| 1 | Tarpon Springs Fire Rescue Station 70 • 1023 Gulf Rd. |
| 2 | Tarpon Springs Yard Waste Facility • 898 S Levis Ave. |
| 3 | Brooker Creek Education Center • 3940 Keystone Rd. |
| 4 | A.L. Anderson Park • 39699 U.S. 19 N • Between Klosterman Rd. and Tarpon Ave. |

Yard waste also accepted. Visit ctsfl.us for drop-off requirements.

Palm Harbor

- | | |
|----------|--------------------------------------------------------------------------------|
| 5 | William E. Dunn Water Reclamation Facility • 4111 Dunn Dr. • Off Alt U.S. 19 N |
| 6 | John Chesnut Sr. Park • 2200 East Lake Rd. |
| 8 | Curlew Retention Pond • 1740 Curlew Rd. • Between Belcher Rd. and CR 1 |

Dunedin

- | | |
|-----------|------------------------------------------------------------------------------|
| 9 | Highlander Park Recycling Site • Ed Eckert Dr. • Across from Highlander Pool |
| 10 | Lake Haven Recycling Center • 817 Lake Haven Rd. |

Safety Harbor

- | | |
|-----------|---------------------------------------------------------|
| 12 | Safety Harbor Fire Station 53 • 3095 McMullen Booth Rd. |
| 13 | Safety Harbor Public Works • 1200 Railroad Ave. |

Clearwater

- | | | |
|-----------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 11 | North County Service Center • 29582 U.S. 19 N • West side, south of Curlew Rd. | See back cover for electronics and chemical collection schedule. |
| 14 | Clearwater Solid Waste Facility • 1701 N Hercules Ave. | Electronics are accepted one day each month. Visit myclearwater.com for details. |
| 15 | Walmart • 23106 U.S. 19 N • SE corner of parking lot | |
| 16 | Sand Key Park • 1060 Gulf Blvd. | |

RECYCLING DROP-OFF SITES



**Cardboard
(Flattened)**



**Aluminum &
Steel Cans**



**Glass Bottles
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Free drop-off sites

Exceptions and extra information

Belleair

17 John J. Osborne Public Works Building • 1075 Ponce de Leon Blvd.

Indian Rocks Beach

20 Brown Park • Bay Blvd. and 2nd St.

Cardboard is not accepted.

21 Kolb Park • 1507 Bay Palm Blvd.

22 10th Ave. Park • 10th Ave. and Bay Pines Blvd.

Cardboard, cartons and glass are not accepted.

24 Indian Rocks Beach Nature Preserve • 903 Gulf Blvd.

Cardboard, cartons and glass are not accepted.

25 Indian Rocks Historical Museum • 203 4th Ave.

Cardboard, cartons and glass are not accepted.

Indian Shores

33 Indian Shores Town Hall • 19305 Gulf Blvd.

#6 plastics are not accepted.

Redington Shores

37 Redington Shores Town Hall • 17425 Gulf Blvd.

Largo

18 Tri-City Plaza • U.S. 19 N and East Bay Dr. • Behind Ross store

19 Starkey Road Recycling Center • 1551 Starkey Rd. • North of Ulmerton Rd., south of East Bay Dr.

26 Pinellas County Extension • 12520 Ulmerton Rd. • North of Ulmerton Rd., entrance on 125th St. (N Frontage Rd.)

27 Hamlin Blvd. 4-H • 14644 113th Ave. N

30 Bank of America • 10900 Seminole Blvd.

Free drop-off sites

Exceptions and extra information

Seminole

34 Lake Seminole Park • 10015 Park Blvd. • East of Seminole Blvd.

Pinellas Park

28 Waste Management Brush Site • 12950 40th St. N

Only yard waste is accepted. Visit pinellas-park.com for drop-off requirements.

St. Petersburg

32 Pinellas County Solid Waste • 2855 109th Ave. N • Next to HEC₃

35 Fossil Park • 6635 Dr. MLK Jr. St. N

Only accepts cardboard, glass bottles and jars, and newspaper.

36 City of St. Petersburg Recycling/Brush Site • 1000 62nd Ave. NE

Yard waste also accepted. Visit stpete.org/recycle for drop-off requirements.

40 Grace Lutheran Thrift Store • 4300 Haines Rd.

41 Clearview United Methodist Church • 4515 38th Ave. N

42 Kiwanis Park • 38th Ave. N and 18th St. N

Only accepts cardboard, glass bottles and jars, and newspaper.

43 City of St. Petersburg Recycling/Brush Site • 7750 26th Ave. N

Yard waste also accepted. Visit stpete.org/recycle for drop-off requirements.

44 Northwest Park • 2331 60th Ave. N

Only accepts aluminum cans, cardboard, mixed paper and newspaper.

46 6095 Ninth Ave. N • North of Wawa

47 St. Petersburg Public Library • 3745 9th Ave. N

48 City of St. Petersburg Recycling/Brush Site • 2453 20th Ave. N

Yard waste also accepted. Visit stpete.org/recycle for drop-off requirements.

49 Crescent Lake Park • 1320 Fifth St. N

53 Childs Park Sports Complex • 601 45th St. S

Only accepts cardboard, mixed paper and newspaper.

54 St. Petersburg Municipal Marina • 300 2nd Ave. SE

56 Enoch Davis Recreation Center • 1111 18th Ave. S

Only accepts aluminum cans.

58 City of St. Petersburg Recycling/Brush Site • 2500 26th Ave. S

Yard waste also accepted. Visit stpete.org/recycle for drop-off requirements.

59 City of St. Petersburg Recycling/Brush Site • 4015 Dr. MLK Jr. St. S

Yard waste also accepted. Visit stpete.org/recycle for drop-off requirements.

60 Lakewood Youth Association • 4801 31st St. S • South entrance

Only accepts aluminum cans, cardboard, mixed paper and newspaper.

61 Bay Vista Park • 7000 4th St. S

Only accepts cardboard, glass bottles and jars, and newspaper.

Madeira Beach

39 Madeira Beach Municipal Marina • 503 150th Ave.

Treasure Island

45 Roselli Park, Isle of Capri • Capri Circle S and Second St. E

50 Treasure Island City Hall • 120 108th Ave.

51 Treasure Bay Golf and Tennis Center • 10315 Paradise Blvd.

55 Sunset Beach • 9000 W Gulf Blvd.

South Pasadena

52 Winn-Dixie • 6851 Gulfport Blvd. • SW corner of the store parking lot

Gulfport

57 49th Street Neighborhood Center • 1617 49th St. S

CURBSIDE RECYCLING



**Cardboard
(Flattened)**



**Aluminum &
Steel Cans**



**Glass Bottles
& Jars**



**Newspaper
Mixed Paper
& Paperboard**



**Plastic Bottles
(Plastic
Containers #1-7)**



**Cartons
(No Straws)**

Municipality	Extra information and exceptions	Bin request
Belleair • 727-588-3769 x406 • townofbelleair.com		City • 727-588-3769 x401
Belleair Beach • 727-595-4646 x120 • cityofbelleairbeach.com		City • 727-595-4646 x120
Belleair Bluffs • 727-584-2151 • belleairbluffs.org		Recycler • 727-572-8779
Belleair Shore • 727-593-9296 • belleairshore.com		Recycler • 727-572-6800
Clearwater • 727-562-4920 • myclearwater.com	Yard waste is collected curbside for recycling. Electronics can be dropped off once a month. See website for details.	City • 727-562-4920
Dunedin • 727-298-3215 x1324 • dunedgov.com	Yard waste is collected curbside for recycling. See website for details.	City • 727-298-3215
Gulfport • 727-893-1089 • mygulfport.us	Recyclables are collected in two separate bins. Glass is not accepted. Yard waste and electronics are collected curbside for recycling for a fee (must call ahead). See website for details.	City • 727-893-1089
Indian Rocks Beach • 727-595-6889 • indian-rocks-beach.com	Yard waste is collected curbside for recycling. See website for details.	City • 727-595-6889
Indian Shores • 727-595-4020 • myindianshores.com	#6 plastics are not accepted.	Recycler • 727-572-6800
Kenneth City • 727-498-8948 • kennethcityfl.org	Some yard waste is collected curbside for recycling for a fee. See website for details.	Recycler • 727-572-6800
Largo • 727-587-6760 • largorecycles.com	Yard waste is collected curbside for recycling. See website for details.	City • 727-587-6760
Madeira Beach • 727-543-8154 • madeirabeachfl.gov	Yard waste is collected curbside for recycling. See website for details.	City • 727-543-8154
N Redington Beach • 727-391-4848 • townofnrb.com	City provides "back door" recycling service.	Recycler • 727-572-6800
Oldsmar • 813-749-1135 • myoldsmar.com	Yard waste is collected curbside for recycling. See website for details.	City • 813-855-5257
Pinellas Park • 727-369-0690 • pinellas-park.com		City • 727-369-0690
Redington Beach • 727-391-3875 • townofredingtonbeach.com		City • 727-391-3875
Redington Shores • 727-397-5538 • townofredingtonshores.com		City • 727-397-5538
Safety Harbor • 727-724-1550 x2002 • cityofsafetyharbor.com	Yard waste is collected curbside for recycling. See website for details.	City • 727-724-1550 x2002
Seminole • 727-397-6383 x3 • myseminole.com		City • 727-393-6383 x3
South Pasadena • 727-384-0701 • mysouthpasadena.com		Recycler • 727-572-6800
St. Petersburg • 727-893-7838 • stpete.org/recycle	Some electronics are collected curbside for recycling (must call ahead). See website for details.	City • 727-893-7838
St. Pete Beach • 727-363-9243 • stpetebeach.org		City • 727-363-9243
Tarpon Springs • 727-943-4837 • ctsfl.us	Yard waste is collected curbside for recycling. See website for details.	City • 727-943-4837
Treasure Island • 727-547-4575 x250 • mytreasureisland.org	Yard waste is collected curbside for recycling. Electronics are collected curbside for recycling for a fee (must call ahead). See website for details.	City • 727-577-9572

- Check with your municipality regarding how to place your yard waste for curbside collection.
- Yard waste collection is only noted for municipalities that recycle yard waste. Check your municipality's website for information on possible curbside yard waste disposal.

MULTIFAMILY RECYCLING

Recycling information for condominiums, apartments, townhomes and manufactured home parks

Benefits of multifamily recycling

- **Save money** – An increase in recycling may allow for less frequent garbage collection service or a smaller container, saving your community money.
- **Save resources** – Recycling protects the environment by reducing the need for natural resources such as water, oil and energy.
- **Save the planet** – Recycling puts your community on the path to environmental stewardship. Communities that recycle seek to increase their use of renewable resources and extend the life of the products they use.



Did You Know?

Multifamily residents produce an average of 20 gallons per unit per week of recyclables. By recycling these materials instead of throwing them in the trash, you can keep more than 1,000 gallons of recyclables out of the waste stream every year!

Haulers offering recycling services to residents and businesses in Pinellas County

County Sanitation

727-522-5794

countysanitationservice.com

D & D Hauling

727-586-6416

dndhauling.com

DisposAll of Pinellas

727-561-0360

disposallinc.com

Recycling Services of Florida

727-573-9150

recyclingservicesofflorida.com

Republic Services of Florida

813-265-0292

republicservices.com

Solar Sanitation

727-535-0447

solarsanitationinc.com

Superior Trash Service

727-254-0664

superiortrashservice.com

Waste Connections

727-572-6800

local.progressivewaste.com/Pinellas

Waste Management

727-572-8779

wm.com

Waste Pro

727-452-5278

wasteprousa.com/office/clearwater

It's as easy as 1-2-3 to start a recycling program in your community

1 Get property management support

Obtain the support of your property manager or board of directors.



2 Research your options

If you're located in a city, contact your city first to find out what recycling programs they offer to multifamily communities. Otherwise, contact your current trash hauler or one of the private haulers listed on this page.

3 Design your program

Decide where your recycling collection containers or carts will be located and educate your residents and maintenance staff. Be sure to explain what can and can't be recycled and why.

NEW

Pinellas County Solid Waste is beginning a pilot program to assist multifamily communities to recycle more. Contact 727-464-7500 or recycle@pinellascounty.org for details, questions or help regarding multifamily recycling.

Going beyond the text: Working together

Schools, businesses, apartment complexes, townhomes and manufactured home parks can reduce waste by working together to promote recycling programs. Brainstorm some ways to promote recycling programs in these communities. Plan a social media campaign to encourage recycling using the ideas you brainstormed. Your campaign should have a slogan, central message and talking points. Effective messages often use humor, popular expressions or song lyrics, rhythm and action verbs. Look through the *Tampa Bay Times* to see if there are any ideas that can help inspire you. Write down your plan in your journal and share it with your family or class.



Doing things: Pinellas County Solid

Yard Waste-to-Mulch Processing Area

Recycled 70.6 million pounds of yard waste into mulch.

Waste-to-Energy (WTE) Facility

- Reduced 1.5 billion pounds of garbage by 90 percent volume
- Recovered 442,526 megawatt hours of electricity.
- Recovered 46 million pounds of metal from ash.

Landfill

Recycled 84 million pounds of ash as daily cover.

Tour Classroom

Educated 9,675 people about the 4 Rs through tours and presentations.

Recycling Drop-off locations

Collected 3.6 million pounds of materials for recycling at 14 sites.

Household Electronics & Computer Collection Center (HEC₃)

- Recycled 1.5 million pounds of household electronics
- Recycled 432,000 pounds of household appliances
- Provided 280,000 pounds of particulate matter for reuse by residents for free at the

Going beyond the text: Reading charts and maps

Make a list of all of the items you use on a daily, weekly and monthly basis that can be recycled. Using the charts and maps on Pages 4-8, answer the following questions. Does your municipality offer curbside recycling? If yes, what is accepted? If not, where is the closest drop-off recycling site? Can you recycle all your items at one site, or will you need to visit more than one? Where is the closest site for you to pick up recycled mulch?

Waste Accomplishments in 2016

Citizen Hand Unload Area

Recycled 2.5 million pounds of metal from incoming waste.

Electric Vehicles and Charging Stations

Reduced the use of fossil fuel-derived gasoline by 709 gallons.

Scalehouse

Processed 353,876 truckloads of material. *These vehicles end-to-end would stretch from Pinellas County to New York.*

Reef Construction

Recycled 3.8 million pounds of concrete to build and expand 42 reefs in the Gulf of Mexico.

Chemical

Household electronics.
Household chemicals.
Daily used chemicals
at the Swap Shop.

Industrial Water Treatment Facility

Treated 5.5 billion gallons of water from the site to use in the Waste-to-Energy facility.

Pinellas County has led the state of Florida with the No. 1 recycling rate for the last two years.



The 4 Rs Reduce, Reuse, Recycle and Recover

Drop in for a tour!



FIRST FRIDAYS

Learn about Pinellas County's award-winning integrated solid waste management facility by joining a **FREE** tour the first Friday of the month from 11:30 a.m. to 1:00 p.m. (ages 7 and up).

To register for a Friday tour, visit eventbrite.com and type "Pinellas County Solid Waste" or call 727-464-7500.

You REDUCE, REUSE, RECYCLE – We Recover!

www.pinellascounty.org/solidwaste

Schools – Community groups – Civic organizations

Join us for a tour, or let us come to you for a presentation.

TOURS (ages 7 and up, grades 3 and up)

- **FREE** educational field trips and tours
- **FREE** bus transportation to and from Solid Waste (within Pinellas County) for classes of more than 20
- Pre-approved field trip for Pinellas County schools

PRESENTATIONS (all ages)

- Customized for your group's age range and technical interests
- Length and content tailored to suit group needs
- Suggested topics include recycling, environmental protection, environmental stewardship, waste-to-energy and landfill technology, and more

To schedule a tour, field trip or presentation call 727-464-7500 or visit pinellascounty.org/solidwaste/educational/tours.



Going beyond the text: It's not easy being green

Lots of products are marketed as "earth friendly" or "green." But how do you know if it's true? The Federal Trade Commission's (FTC) Green Guides seek to protect consumers from deceptive and misleading "green" advertising and marketing claims by requiring companies making claims about the environmental benefits of their products to back them up with scientific evidence.

Find five products advertised in the *Tampa Bay Times* or at tampabay.com marketed with language such as "recyclable," "biodegradable" or "made with recycled content." Use the FTC's consumer education website at ftc.gov/green to research the terms used. Do they mean what you thought? Do any of the products contain environmental claims that are not defined by the FTC? What do you think are the most important environmental benefits to look for? Write down what you found in your journal and share your findings with your class or family.



In Pinellas County, we make it easy to find out how to recycle or dispose of just about anything from your home.

**See.
Click. Fix.**

YOU CAN MAKE A DIFFERENCE

Did you know that you can report issues such as illegal dumping at drop-off recycling sites through the county's easy-to-use SeeClickFix app?

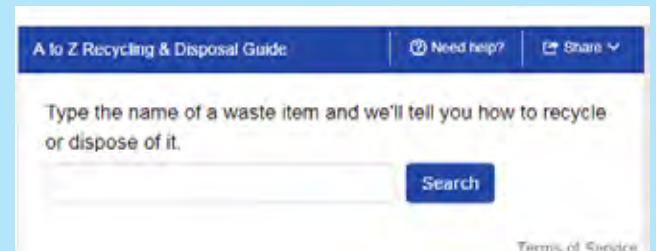
Visit pinellascounty.org/reportanissue or download the free mobile app for iPhone or Android by searching for "Pinellas County SeeClickFix."

Once you report an issue, you'll receive an update via email on what is being done to resolve it.



pinellascounty.org/solidwaste/getridofit

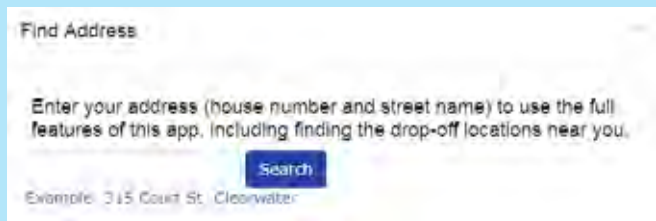
1 Visit pinellascounty.org/solidwaste/getridofit



2 Type in the name of the item you're looking to recycle or dispose of



3 Enter your address to find drop-off sites near you



Going beyond the text: Recycle right

One of the largest challenges facing recycling programs today is contamination. Contamination is when nonrecyclable or dirty items are placed into the recycling stream. Contamination damages processing equipment and can be very costly and dangerous. Pinellas County needs to make people aware of the seriousness of contaminating their recycling. Your job is to help county administrators come up with an awareness campaign. Using the advertisements in the *Tampa Bay Times* as models and the accepted materials listed on Page 3, create some advertisements to encourage people to recycle right. Collaborate with your family, peers and teacher.





Keep plastic bags out of recycling

TampaBayRecycles.org

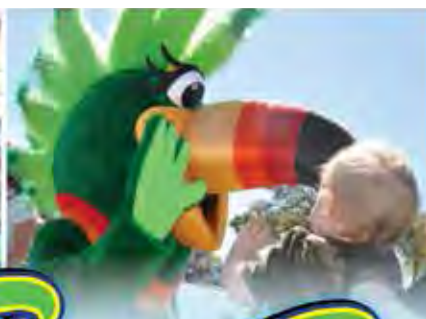


Trash the bags! Plastic bags and plastic wraps don't belong in your recycling. They damage recycling equipment and hurt recycling efforts throughout Tampa Bay. Reuse your plastic bags, or return them to the store. Better yet, take a reuseable bag with you when you go shopping.

Learn more about keeping your recycling bag-free at **TampaBayRecycles.org**.

Residential recycling programs are designed to process certain program items. Bagged recyclables cannot be sorted by the recycling equipment. Plastic bags also tangle up in the sorting equipment, which causes equipment damage, creates safety hazards, reduces the amount of material that can be successfully recovered and increases the overall cost of the recycling process.

Join the social media conversation, share recycling tips and ask questions by using **#TampaBayRecycles**.



Eco Fun Festival

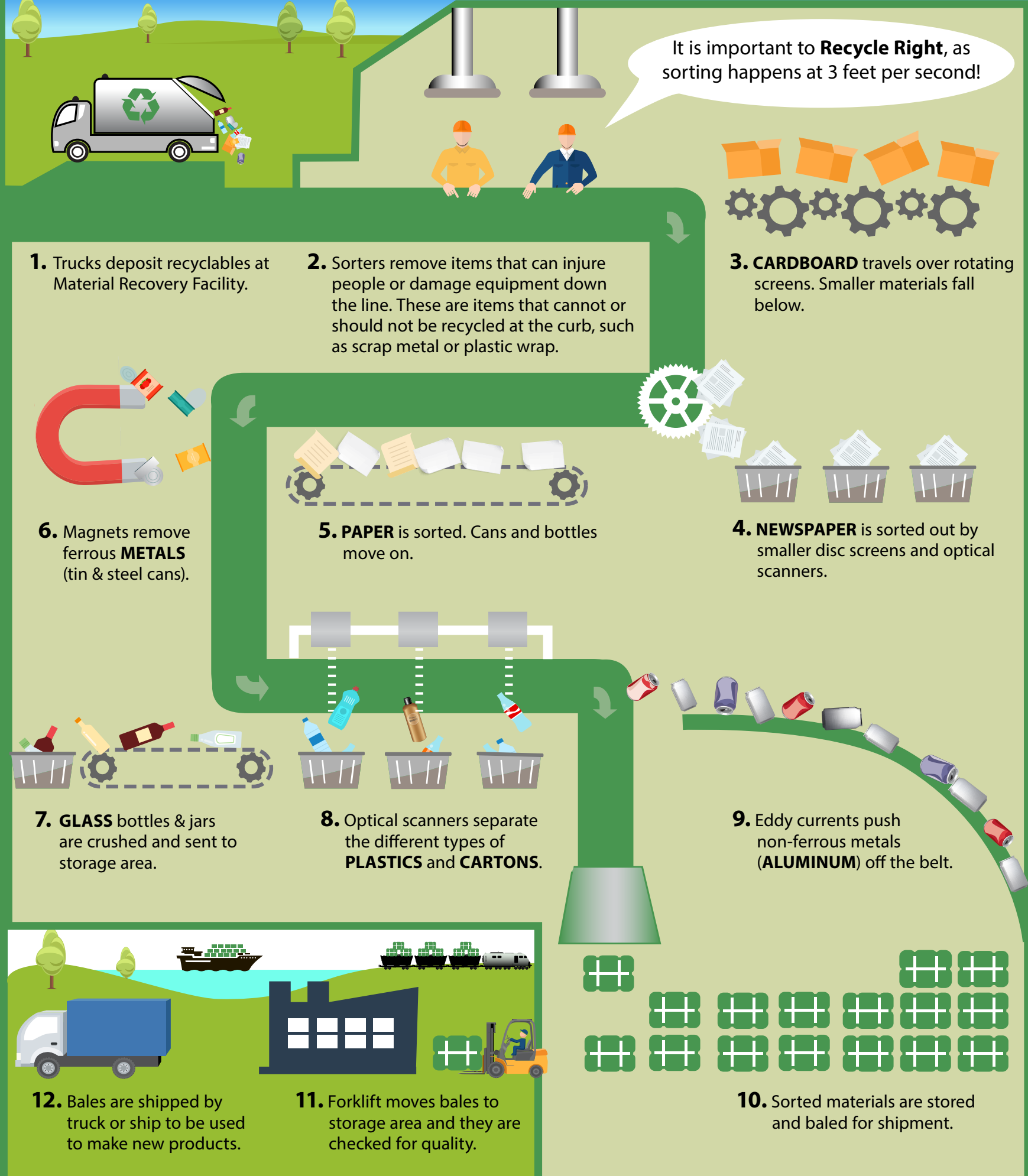
Sun., Feb. 25th, 2018
11 a.m. to 4 p.m.
11418 34th St. N
Clearwater



A family-friendly event featuring tours, environmental exhibitors, Touch-a-Truck, giveaways and food vendors. Call 727-464-7500 for more information.

WHAT HAPPENS IN A RECYCLING FACILITY

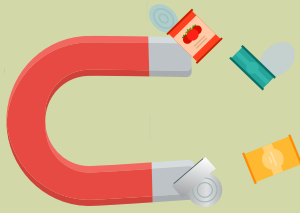
Learn how recycled items go through a Material Recovery Facility (MRF).



1. Trucks deposit recyclables at Material Recovery Facility.

2. Sorters remove items that can injure people or damage equipment down the line. These are items that cannot or should not be recycled at the curb, such as scrap metal or plastic wrap.

3. **CARDBOARD** travels over rotating screens. Smaller materials fall below.



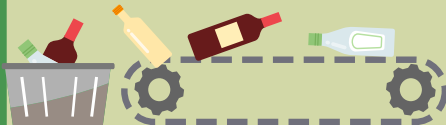
6. Magnets remove ferrous **METALS** (tin & steel cans).



5. **PAPER** is sorted. Cans and bottles move on.



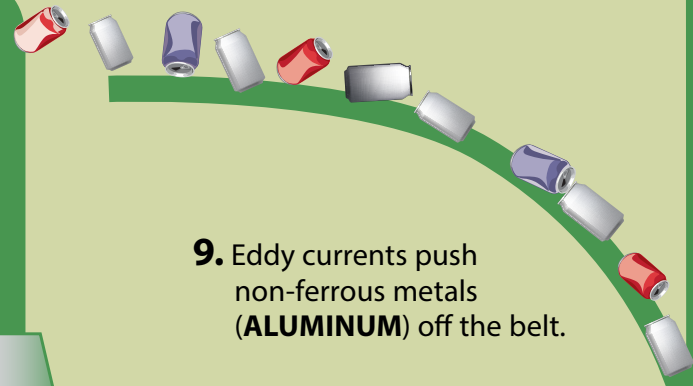
4. **NEWSPAPER** is sorted out by smaller disc screens and optical scanners.



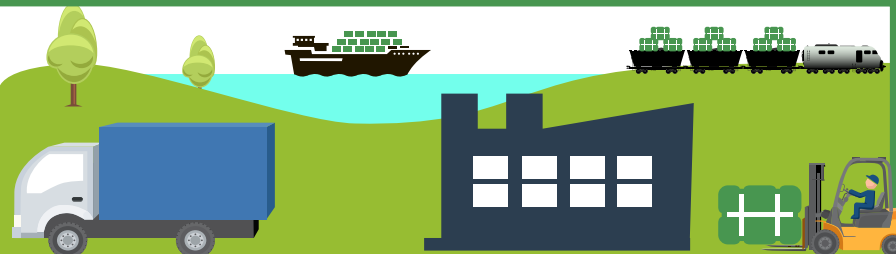
7. **GLASS** bottles & jars are crushed and sent to storage area.



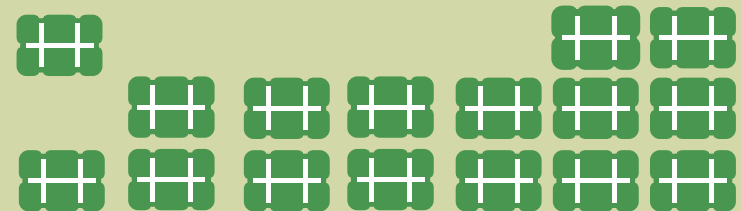
8. Optical scanners separate the different types of **PLASTICS** and **CARTONS**.



9. Eddy currents push non-ferrous metals (**ALUMINUM**) off the belt.



11. Forklift moves bales to storage area and they are checked for quality.



10. Sorted materials are stored and baled for shipment.

12. Bales are shipped by truck or ship to be used to make new products.

Important: Plastic bags and plastic film can wrap around sorting equipment and jam the machines. They are particularly harmful to the recycling process and should not be recycled in curbside or drop-off center locations. Please return plastic bags to participating stores for recycling.

The whys behind recycling right

Recycling is a three-step process:

- 1 Place the materials in your recycling containers.
- 2 The materials go to a facility where they are sorted, baled and sold to manufacturers that turn them into new products.
- 3 The new products made with recycled content are purchased by the consumer.

It takes all three steps for a material to truly be recycled!

Single-stream recycling means that all materials (plastic, metal, paper, glass and cartons) can be placed in a single bin for recycling. Here are the answers to some of your most common questions.

1 Why can't I recycle pizza boxes, paper towels or paper plates and cups?

The most important reason for not being able to recycle these items is that they contain food and grease residue. When paper is recycled, big batches are placed in a bath that allows the paper items to break down into the long fiber strands that make up paper. When paper is

soiled, the food or grease soils the rest of the paper in the bath. Soiled paper can ruin entire batches during the paper recycling process.

2 Why do I have to rinse out my containers? Just how clean do they need to be?

The most important reason that you need to rinse out your containers is that you don't want the food and liquid residues to soil the paper items in your recycling container. Even with those stubborn laundry detergent bottles, a quick rinse is all it takes. As long as the containers are dry, some residue is fine because plastic, metal and glass are able to be cleaned during the recycling process.

3 Why can I only recycle certain types of materials in single-stream recycling? Plastic is plastic, right?

Materials that are placed in single-stream bins are taken to a Material Recovery Facility (MRF), where they are sorted. Most of the

sorting is done by machines that are designed to sort certain types of materials (paper and cardboard, metal cans, plastic food and liquid containers, glass bottles and jars, and cartons). When you place other items in the recycling container, they are not properly sorted and mix with other materials or even damage equipment. This increases recycling costs and degrades the quality of materials, reducing the ability of the materials to be recycled. When it comes to home recycling, you want to stick to the basics.

4 Why can't I recycle shredded paper in single-stream recycling?

Shredded paper is so small that it is not identified as paper by the sorting equipment and it gets tangled in the equipment. Shredded paper can be recycled in containers that accept only paper because the material isn't sorted before it is recycled.



The 4 Rs: ways that you can

REDUCE • REUSE • RECYCLE • RECOVER

Following the 4 Rs reduces waste, conserves natural resources, reduces pollution and decreases the demand for energy.

REDUCE:

Buy only what you need. Select items that have the least packaging. Purchase recycled or upcycled products when possible. Bring your own "to go" container to a restaurant.

REUSE:

Choose reusable products, such as refillable water bottles and canvas shopping bags, over disposable products. Before you throw items away, think whether or not they can be reused or repurposed.

RECYCLE:

Materials such as cans, bottles and paper are easily recycled either curbside or at one of the many drop-off sites throughout Pinellas County.

RECOVER:

After you reduce, reuse and recycle, Pinellas County recovers energy and metals from the remaining waste.

- Pinellas County Solid Waste burns garbage as fuel, producing enough electricity to power more than 45,000 homes per day.
- Metals are recovered from the remaining ash and recycled. Ash is used as landfill cover to conserve soil.
- Pinellas County Solid Waste recovers and treats water from its 703-acre site and reuses it in the Waste-to-Energy Facility.
- Yard waste is ground up and recycled into mulch, which is available to residents for free at sites around the county.

BUSINESS WASTE REDUCTION

CUTTING WASTE AT WORK PROGRAM

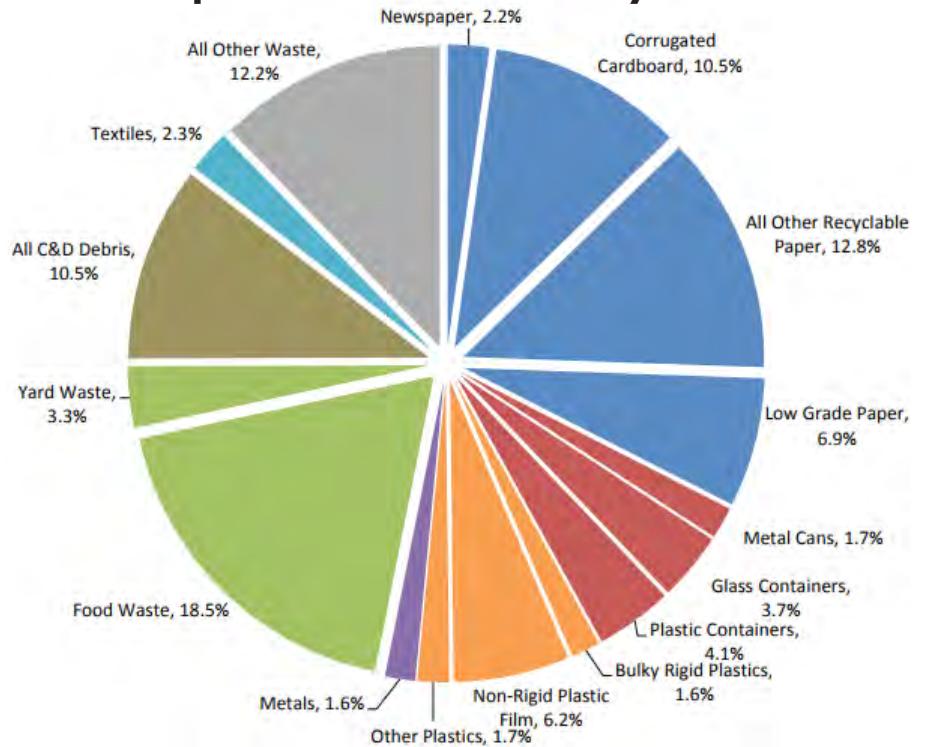
Pinellas County Solid Waste's Cutting Waste at Work Program is a free program that helps businesses reduce unnecessary waste and establish best practices in recycling.

Businesses generate the majority of Pinellas County's solid waste, and much of it could be reduced, reused or recycled.

REACH YOUR RECYCLING GOALS

Cutting waste at work not only helps the environment – it also can help financially. Diverting recyclable materials from the waste stream means that you produce less trash, potentially saving you money by allowing for less frequent garbage collection service or a smaller container.

87.8% of commercial waste sent for disposal in 2014 was recyclable!



Recycling cardboard makes sense

If your business is thinking about starting a recycling program, why not start with cardboard? Corrugated cardboard is one of the easiest materials to reduce, reuse and recycle!

Corrugated cardboard makes up approximately **10.5%** of business waste in Pinellas County.



37% of cardboard collected in Pinellas County was recycled in 2016.



GET RECOGNIZED!

A Cutting Waste at Work Assessment is the first step in Pinellas County's Green Business Partnership program, offered by Pinellas County Extension.

For more information, call 727-582-2100 or visit pinellascountyextension.org and select "Green Business Partnership" under "Sustainable Living Green."

>> GETTING STARTED IS EASY <<



1 Contact Pinellas County Solid Waste for a **free** customized waste assessment and educational materials by emailing sqg@pinellascounty.org or calling 727-464-7500.



2 Implement the assessment's suggestions to launch or improve your recycling program. Contact a hauler from the list on Page 9 to start recycling service.



3 Track your program's success with assistance from Pinellas County staff.



HEC₃

2855 109th Ave. N,
St. Petersburg

OPEN NEW HOURS!
Monday – Saturday
7 a.m. until 5 p.m.



Household Electronics and Chemical Collection Center (HEC₃)

Pinellas County residents may drop off household electronics and chemicals for free recycling and proper disposal.

Recycling and proper disposal of electronics and chemicals protects our environment, conserves valuable natural resources and materials, and helps to keep our homes safe.

Household electronics accepted:

- Cellphones, smartphones and tablets
- Computers and laptops (limit 5 per vehicle)
- Monitors
- Items with rechargeable batteries
- Televisions (limit 6 per vehicle; must be whole.)

Household chemicals accepted:

- Automotive fluids and motor oil (limit five gallons per vehicle)
- Batteries (all types and sizes). Alkaline batteries should be put in the trash.
- Cleaners

- Cooking oil
- Fluorescent bulbs and other mercury-containing devices (limit 12 per vehicle)
- Fuels (limit five 5-gallon containers per vehicle, must be in DOT-approved container)
- Fungicides, herbicides, insecticides, fertilizers and pesticides
- Paint (limit 20 1-gallon containers and five 5-gallon containers per vehicle)
- Paint remover, paint thinner and solvents
- Pool and spa chemicals
- Smoke detectors
- Wood preservatives



What NOT TO BRING



Medicine & Sharps



Fire Extinguishers



Appliances (Large or small)



Household Electronics such as vacuums and audio/video equipment



Propane Tanks (over 1 lb.) or other compressed gases

EnviroBusiness Electronics & Chemical Collection Events

2nd Wednesday of each month
9 a.m. – 4 p.m.

Pinellas County offers an easy and convenient way to manage hazardous waste, universal waste, used oil and electronic waste by hosting monthly EnviroBusiness Electronic and Chemical Collection events for eligible businesses* on the second Wednesday of each month.

MARK YOUR CALENDARS!

JAN 10

FEB 14

MAR 14

APR 11

MAY 9

JUN 13

JUL 11

AUG 8

SEP 12

OCT 10

NOV 14

DEC 12

EnviroBusiness Events are hosted at the rear of the Household Electronics and Chemical Collection Center (HEC₃) on 110th Ave. N. Look for the signs on the day of the event along 28th St. N. identifying the entrance.

*To determine if your business is eligible to participate and see what wastes are accepted, along with estimated costs, visit pinellascounty.org/bizwaste.



Haz-to-Go

Haz-to-Go is a free service for Pinellas County residents to dispose of their household electronics and chemicals. This is ideal for civic groups, condo and homeowners associations, manufactured home parks and businesses hosting an employee recycling event (for employees' household waste, not business waste).

The Haz-to-Go truck is available Tues., Weds., Thurs. and Sat., from 10 a.m. to 1 p.m. To reserve it or for more information, email waste@pinellascounty.org or call 727-464-7500.

Visit our Swap Shop!

The Swap Shop offers household chemicals and paints FREE to residents and governmental entities. We screen all items brought to the HEC₃ for placement in our Swap Shop. Although inventory varies, the Swap Shop usually has items such as:

- **Antifreeze**
- **Brake fluids**
- **Fertilizer** (available October 1 through May 31)
- **Fungicides & herbicides**
- **Household cleaners and disinfectants**
- **Insecticides & pesticides**
- **Lubricants**
- **Mineral spirits**
- **Paint and paint removers**
- **Power steering fluid**
- **Stains and polyurethane**
- **Transmission fluid**
- **Turpentine**
- **Weed killers**



Going beyond the text: Do the research

Did you know that some unwanted electronic devices should be recycled instead of disposed of in the trash? Why is proper recycling of these items important? Make a list of all the electronic devices listed on Page 18 that you have in your home and in your school that should be recycled. What happens to these items when they stop working? Do some research to see what materials are in these items that may be hazardous or important to recycle. Write down the materials and the hazards they can cause when they are improperly disposed of or the value in recycling them. Share what you have learned with your family and class.



ABOUT NIE



The Tampa Bay Times Newspaper in Education program (NIE) is a cooperative effort between schools and the Times Publishing Co. to encourage the use of newspapers in print and electronic form as educational resources – a “living textbook.” Our educational resources fall into the category of informational text, a type of nonfiction text. The primary purpose of informational text is to convey information about the natural or social world.

NIE serves educators, students and families by providing schools with class sets of the Pulitzer Prize-winning *Tampa Bay Times* plus award-winning original educational publications, teacher guides, lesson plans, educator workshops and many more resources – all at no cost to schools, teachers or families. In 2016–2017, NIE provided more than 1.8 million print copies and 10 million digital editions of the *Times* to area classrooms free of charge thanks to our generous subscribers and individual, corporate and foundation sponsors. NIE teaching materials cover a variety of subjects and are aligned to the Florida Standards.

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Credits

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Florida Standards

This publication and its activities incorporate the following Florida Standards for middle and high school students.

Language Arts: LAFS.612.L.1.1; LAFS.612.L.1.2; LAFS.612.L.2.3; LAFS.612.L.3.4; LAFS.612.L.3.5; LAFS.612.L.3.6; LAFS.612.RI.1.1; LAFS.612.RI.1.2; LAFS.612.RI.1.3; LAFS.612.RI.2.4; LAFS.612.RI.2.5; LAFS.612.RI.2.6; LAFS.612.RI.3.7; LAFS.612.RST.3.7; LAFS.612.SL.1.1; LAFS.612.SL.1.2; LAFS.612.SL.1.3; LAFS.612.SL.2.4; LAFS.612.SL.2.5; LAFS.612.SL.2.6; LAFS.612.W.1.1; LAFS.612.W.1.2; LAFS.612.W.1.3; LAFS.612.W.2.4; LAFS.612.W.2.5; LAFS.612.W.2.6; LAFS.612.W.3.7; LAFS.612.W.3.8; LAFS.612.W.3.9; LAFS.612.W.4.10

Science: SC.68.CS-PC.3.1; SC.68.CS-PC.3.5; SC.912.CS-PC.3.3; SC.912.CS-PC.3.4; SC.912.E.6.6; SC.912.L.17.14; SC.912.L.17.17

EDUCATORS

Share 100 words about how you used this resource in your classroom for a **chance to win a \$15 gift card!** Visit tampabay.com/nie for details and to enter.

Household Electronics & Chemical Mobile Collection

2018 Household Electronics and Chemical Mobile Collection Schedule

Mobile Collections are a FREE, convenient way for Pinellas County residents to safely dispose of electronics and chemicals. Events take place on **Saturdays from 9 a.m. to 2 p.m.** at these locations:



Jan. 13	East Lake High School	1300 Silver Eagle Dr.
Jan. 27	North County Satellite Site	29582 U.S. 19 N
Feb. 17	Seminole Home Depot	10550 Park Blvd.
Feb. 24	North County Satellite Site	29582 U.S. 19 N
Mar. 3	St. Petersburg College/Gibbs Campus	6605 Fifth Ave. N
Mar. 10	Largo Home Depot	10689 Ulmerton Rd.
Mar. 24	North County Satellite Site	29582 U.S. 19 N
Apr. 21	Tarpon Springs High School	1411 Gulf Rd.
Apr. 28	North County Satellite Site	29582 U.S. 19 N
May 12	Madeira Beach Fundamental Middle School	591 Tom Stuart Causeway
May 19	North County Satellite Site	29582 U.S. 19 N
June 23	North County Satellite Site	29582 U.S. 19 N
July 28	North County Satellite Site	29582 U.S. 19 N
Aug. 25	North County Satellite Site	29582 U.S. 19 N
Sep. 8	St. Petersburg College Allstate Center	3200 34th St. S
Sep. 15	Seminole High School	8401 131st St. N
Sep. 22	North County Satellite Site	29582 U.S. 19 N
Oct. 13	Largo High School	410 Missouri Ave. N
Oct. 27	North County Satellite Site	29582 U.S. 19 N
Nov. 3	Gulfport Neighborhood Center	1617 49th St. S
Nov. 17	North County Satellite Site	29582 U.S. 19 N
Dec. 15	North County Satellite Site	29582 U.S. 19 N

See Page 18 for more information on items accepted. Collections may be delayed or canceled in the event of severe weather.