

Reducing My Waste

Go to: <https://miwaterstewardship.org/household-waste/>

1. Household waste = _____

2. How long does it take for the following things to break down in a landfill?

Name of Item	How long to break down in landfill	Name of Item	How long to break down in landfill
Glass Bottle		Plastic Bag	
Fishing Line		Cigarette Filter	
Disposable Diapers		Apple Core	
Aluminum Can		Paper Towel	

3. Reuse: What does it mean to reuse or repurpose an item?

4. How does reusing or repurposing items help the environment?

5. Recycling: What does it mean to recycle?

6. What things from the table above can be recycled instead of being put in a landfill?

7. Composting: What is composting?

8. What things can be composted?



Click on Composting for Kids

Click through the slide show and answer the questions below as you go.

9. Where should your compost bin be set up? _____

10. What are the 4 things in a compost recipe?

Examples _____

11. What should NOT be used in a compost? _____

12. What should go into your compost first? _____

13. Then what is added? _____

14. Why is soil added to compost? _____

15. After each layer of the compost is added, what should be done to it? _____



Close the window and go back to the "Household Waste" website.

16. What should be done with hazardous waste that is found in your home? _____



On the left side of the screen there is a green sign that says "Go to Recycle City". Click the sign and enter recycle city.



Click the map and then click NORTHWEST.

Click on Hazardous waste and then click on the front of the building so a text box pops up in the middle of the screen.

17. What is a hazardous waste center? Is it a landfill? _____

18. What items should be brought to a hazardous waste center? _____

19. What happens to hazardous waste items that are brought in but were never used? _____



Click on Fuel Blending

20. What can oil based paints, paint thinners, solvents and tar eventually become? _____



Click on Treatment and Neutralization

21. What happens to acids, non-flammable poisons and other chemicals? _____



Click on Incineration

22. What happens burnable waste ash? _____



Click on Landfill

23. How is a hazardous waste landfill different from a normal one? _____



Leave the hazardous waste center and go back to the NORTHWEST. Click on Autowreckers.

24. Most parts of a car are _____.



Click on the sign for the wrecker yard.

25. What does the owner do with the following items?

Tires: _____

Batteries: _____

Oil: _____



Go back to the NORTHWEST and click on the purple house.

26. What items that are found in a kitchen or bathroom are hazardous to the environment if thrown in the trash and taken to a landfill? _____



Go back to the main map and click on the NORTHEAST quadrant. Then click on the Community Warehouse.

Read the description on the right side of the screen.

27. What things does the community warehouse sell? _____

28. Which of the following would the community warehouse be helping the most with? Circle answer.

Reduce

Reuse

Recycle

29. Explain your answer to the question directly above.



Go back to the NORTHEAST and click on the landfill. Read the description on the right.

30. Why are hazardous waste put in a different landfill than normal solid waste? _____

31. Look back at the hazardous waste list and how long it takes things to decompose that you filled in at the beginning of this activity. What items belong in a hazardous waste landfill? _____

32. Have you ever put any of these things into your trashcan at home to be put in a normal landfill? _____



Click on the yellow tractor in the landfill.

33. Why is there a liner at the bottom of a landfill? _____

34. What 5 things is the liner made out of? _____

35. Why is each layer of trash covered with dirt? _____



Go back to the main map and Click on the SOUTHWEST. Click on the purple house.

36. What household supplies should go to a hazardous waste sight instead of your garage? _____



Click on the yellow house.

37. What garage and garden supplies are hazardous and should not go in your trash can? _____



Click on the white house.

38. What painting and hobby supplies should go to a hazardous waste sight instead of your trash? _____



Click on the blue school and then click on the green chalk board.

39. What can you do to reduce your waste? _____

40. What can be reused? _____

41. How does reusing items reduce waste? _____

42. How can you recycle here at Cypress Ranch? _____

43. Does Cypress Ranch have paper recycling? If yes, where is the paper recycling dumpster located? _____



Click on the bus.

44. How does riding the bus to school help the environment? _____



Go back to the main map and click on the SOUTHEAST quadrant. Click on Shaq's Garage and Service. Click on the BLUE Car.

45. What 5 tings can you do with your car to be more environmentally friendly?

1. _____
2. _____
3. _____
4. _____
5. _____



Click on the tires that are stacked up.

46. You should NOT...EVER throw away used tires or leave them on the side of the road. What should you do with them instead? _____



Click on the electric car.

47. What does an electric car run off of instead of gas? _____

48. How do electric cars result in less pollution? _____



Click on Maria's Market and then click on bulk foods.

49. Packaging for/on your groceries makes up _____% of all consumer waste.

50. How does packaging items in bulk packaging reduce the amount of packaging? _____



Click on Recycled Content Paper Products.

51. What does recycled content paper products mean? _____

52. How do these items help the environment? _____



Click on Plastic Recycling

53. How do paper bags harm the environment? _____

54. What is a renewable resource? _____

55. How do plastic bags harm the environment? _____

56. What is the best type of bag to use when doing your grocery shopping? _____



Go back to the southeast quadrant and click on the widget manufacturing Company. Then click on the brown tub with hot metal in it.

57. What is a non-renewable resource? _____

58. Did you know there are local companies where you can sell your leftover or extra metal to? _____

59. Do a google search and find a metal recycling company close to us here in northwest Houston. What is the name of the company and the address? _____



Click on the guy surrounded by boxes and papers.

60. How does the widget company save money on packaging and reduce waste at the same time? _____
