Leave No Trace

The 7 Leave No Trace principles are intended to keep you safe and keep the outdoors a beautiful place for others to enjoy. In the video, you will learn what the 7 Leave No Trace principles are and what they mean. Use the worksheet below to follow along with the video and fill out the information.

an	d fill out the information.
1.	Plan ahead and be prepared : How do you think our camper could have been better prepared? What are some essentials she should have packed?
2.	Travel and camp on durable surfaces : Our camper put her tent in places that were not safe for her or the environment. What kind of space should she have put her tent on?
3.	Be careful with fire: 3a. Did our camper put her fire in a safe spot? Where should she have put the fire?
	3b. Was our camper responsible with her fire? What should you do with the fire before you go to bed?
4.	Dispose of waste properly : How can throwing your trash on the ground impact the environment? What are ways we can keep our campgrounds clean?

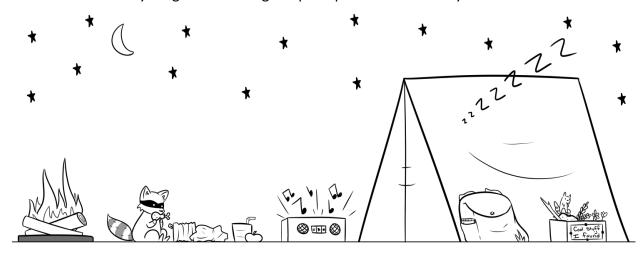
5. **Be Considerate of Other Visitors**: Our camper was loud and disruptive to the other campers who are trying to enjoy nature quietly. What are ways you can enjoy nature without being disruptive to others?

6. **Leave What You Find**: What are ways we can look at things and remember them without taking them?

7. **Respect Wildlife**: Why is it important not to disturb wildlife?

What's Wrong with this Picture?

Below is a picture of a campsite not following the 7 Leave No Trace principles. Can you figure them out? Circle anything not following the principles and tell us why.



The Ten Essentials

We briefly saw the "Ten Essentials" in the video. Packing the "Ten Essentials" whenever you step into the backcountry, even on day hikes, is a good habit. On a routine trip, you may use only a few of these items or none at all. However, if something goes wrong it's best to be prepared.

Below is the list of the "Ten Essentials" and remember; part of being prepared is knowing where you are going and the weather conditions that could happen.

1. Navigation

- Examples: map, compass, GPS device.
- Navigation is used when planning before your trip and when you need help finding where you are in your surroundings. Know how to use your compass or GPS device before going out.

2. Light

- Examples: headlamp, flashlight, lantern remember to bring extra batteries!
- Finding light sources outdoors can be difficult, especially at night. Be prepared
 with at least one of these items! Headlamps are preferred because they are
 small and hands-free.

3. Sun protection

- Examples: sunglasses, sun-protective clothes, and sunscreen.
- Sun protection is important to protect your skin and eyes against the harsh sun
 rays that can give you sunburn! Consider using sunglasses, sunscreen, and hats.
 Sun-protection clothing, such as pants and long-sleeve shirts, can also help
 minimize your exposure to the sun.

4. First-aid supplies

- Examples: first-aid kit, bug spray.
- Be prepared for emergencies by packing first-aid supplies with you. Accidents are unpredictable, so it's important to always take one with you. Start with a premade kit and modify it to your trip and medical needs. Make sure to check expiration dates on your items and replace as needed.

5. Repair kit and tools

- Examples: knife, multi-tool, duct tape.
- A basic repair kit can help in an emergency if equipment breaks down. Consider packing a multi-tool, which has a compact version of many tools. Be sure to bring any tools specific to your trip and activity.

6. Fire

- Examples: matches, lighter, tinder, camp stove.
- Fire can be an emergency signal or a heat source for cooking and staying warm.
 Pack a fire starter (waterproof matches, lighter, etc.) and kindling (tinder, dryer lint, etc.). Make sure to learn how to start a campfire, how to maintain it, fire safety, and fire regulations in your park before heading out.

7. Shelter

- Examples: emergency blanket, tent or hammock, tarp
- Shelter is one of the most important things to have during an emergency situation. It can protect you from severe weather conditions and exposure to the elements.

8. Food

- Examples: trail mix, nuts, granola bars remember to pack extra!
- You should always be prepared for the possibility of changes in your plans. Pack an extra day's supply of food, preferably no-cook items that have good nutritional value in order to keep your energy high.

9. Water

- Examples: water bottles, water bladder for your backpack, water treatment supplies remember to pack extra!
- Staying hydrated on your trip is incredibly important! Physical activity increases
 your risk of dehydration (loss of water and salts from the body). If you're active
 outdoors, especially in hot weather, you should drink water often and before
 you feel thirsty. Prepare your water before you need it, pack extra, and do not
 allow yourself to become dehydrated.

10. Extra clothes

- Examples: rain jacket, hat, gloves, thermal underwear, light jacket
- Nature is unpredictable. Be prepared for sudden changes in weather conditions.
 Pack an extra layer of clothing based on the most extreme conditions you could encounter on your trip.

Help Our Camper Hike Safe!

Our camper is getting ready to go on a hike. Help her pack the "Ten Essentials" needed for a safe hike!

Drav corr list (

Draw a line from each backpack clue (left) to the correct essential item in the camper's too-big packing list (right).

- This helps you find directions...especially north!
- 2. In case of weather surprises.
- 3. In case it gets dark when you're still hiking.
- 4. Helps you find the right trails.
- 5. In case you need more layers.
- 6. In case you need to start a campfire.
- 7. Handy tool for cutting, marking, etc.
- 8. In case of weather surprises.
- 9. In case you get hungry or thirsty.
- 10. In case someone gets injured.

Ball

Binoculars

Camera

Cards

CD player

Food & water

First aid kit

Flashlight

Frisbee

Guitar

Hairdryer

Hammock

Makeup

Map

Matches

Pocket knife

Popcorn popper

Rain-wind gear

Recipe book

Stilts

Sunglasses

Umbrella

Vacuum cleaner

Warm clothing

Whistle

Yo-yo

Camping Treats

Congratulations! You've now learned the Leave No Trace Principles and how to hike safe using the 10 essentials! However, a camping trip is never complete without a treat! Here are two campfire snacks you can make on your next camping trip, with adult supervision!

