

# Clean-up that Oil Spill!

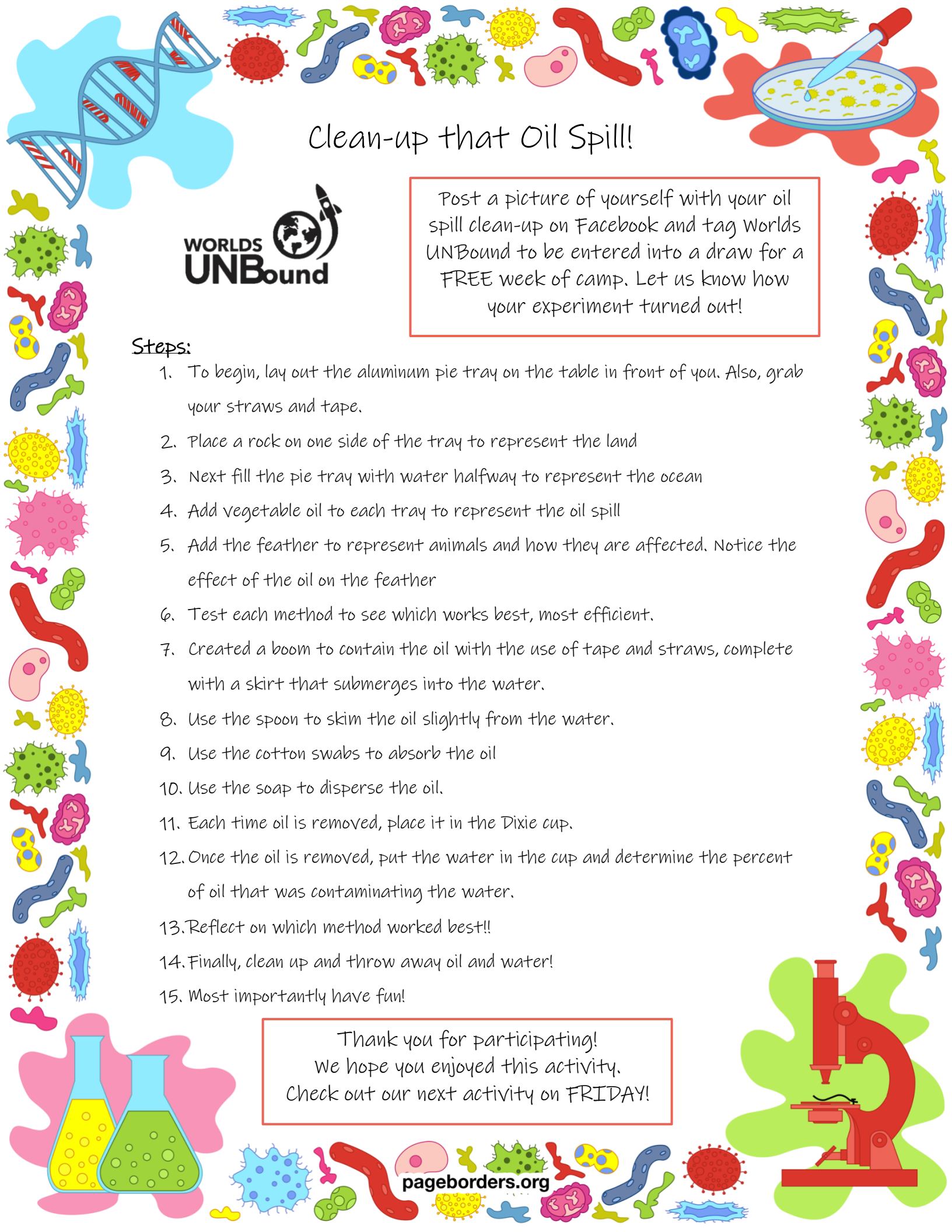


Post a picture of yourself with your oil spill clean-up on Facebook and tag Worlds UNBound to be entered into a draw for a FREE week of camp. Let us know how your experiment turned out!

## Materials:

- Aluminum pie trays
- Water
- Vegetable oil
- Soap
- Rock
- Feather
- Cotton balls
- Spoons
- Dixie cups
- Coffee filter

Do you like living on planet Earth? Yes? Sweet! Let's clean up some oil spills. We as a human race do not treat our Earth the way it should be treated. We poison the waters with oil spills and some oil companies don't make the effort to clean up the mess they have made. If we want to sustain our Earth, we need to mitigate these oil spills and try and prevent them in the future. With this activity you will be using three methods that will be used to clean up the stimulated oil spills: **skimming**: the oil will be skimmed off the water, **absorbance**: the oil will be sponged out, and **dispersing**: the oil will be dispersed within the water. Test all the methods to see which one works best!



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## Steps:

1. To begin, lay out the aluminum pie tray on the table in front of you. Also, grab your straws and tape.
2. Place a rock on one side of the tray to represent the land
3. Next fill the pie tray with water halfway to represent the ocean
4. Add vegetable oil to each tray to represent the oil spill
5. Add the feather to represent animals and how they are affected. Notice the effect of the oil on the feather
6. Test each method to see which works best, most efficient.
7. Created a boom to contain the oil with the use of tape and straws, complete with a skirt that submerges into the water.
8. Use the spoon to skim the oil slightly from the water.
9. Use the cotton swabs to absorb the oil
10. Use the soap to disperse the oil.
11. Each time oil is removed, place it in the Dixie cup.
12. Once the oil is removed, put the water in the cup and determine the percent of oil that was contaminating the water.
13. Reflect on which method worked best!!
14. Finally, clean up and throw away oil and water!
15. Most importantly have fun!

Thank you for participating!  
We hope you enjoyed this activity.  
Check out our next activity on FRIDAY!