



# Recycle Rescue Introduction

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# Section 1 – Introduction

## 1.1 – Overview

This section provides background for the CREATE Junior game called *Recycle Rescue*. This competition is for students primarily in the 4<sup>th</sup> and 5<sup>th</sup> grades. Students as old as 6<sup>th</sup> grade are allowed to participate as well as younger students who are ready for this level of engineering challenge.

## 1.2 – Introduction

Join the CREATE Foundation this year to rescue a park strewn with litter and garbage, as you design, build and drive your robot in *Recycle Rescue*.

The key to sharing our neighborhood, our city, state, country, and the world, is using resources wisely. We must keep our waterways and drinking water pure, re-use/recycle everything we can, and keep our landfills as small and biodegradable as possible. This sounds simple and in many cases it is, but DOING it is what is important. In this challenge you will need to:

- **Clean Up** – Clean up the park. Clean the green space and lakes from all trash and recyclables.
- **Keep trash together** – Use as little space in the landfill as possible..
- **Recycle** – Move all recyclables to the recycle staging area. For even more points place the recyclables into the recycle bins.

Your challenge is to clean up the park, and the tree in the park, from all the trash left behind by others. Restore the park to its' former beauty and make it safe for all to use and enjoy. Be sure to get everything out of the tree and then sort through the trash and recyclables taking each to their designated area. The less landfill space you use, the more points you get. The more recyclable items you place in the recyclable bins, the more points you get. Completely clean the green space and lakes for bonus points. Then, before time runs out, exit the park so it is as peaceful and quiet as it is beautiful.

On the following pages are the rules of this fast-paced challenge. Your team will have the opportunity of designing, building and testing your own robot to push, lift and race beyond the competition. Good Luck. We begin in 3, 2, 1...