



Summary of Changes in the kit and allowable materials for the 2009/2010 season

The 2009/2010 FTC Season features a variety of improvements – all based on team input and our experience from the previous season. At the end of last year's season every team was surveyed. Over 1/3 of the FTC teams responded to the survey that included almost 50 questions about the kit. As a result the FTC Competition kit and allowable materials have improved and expanded. Among the changes you'll see in this year's kit and rules:

The kit:

New and improved -

Axle hubs that now include a locking screw to ensure a tight connection

DC Drive motors include an adapter to provide protection and stress relief to the motor connectors

Tube plugs (end plugs) that reinforce tube strength

New Omni Wheels

New Getting Started Guide

Infrared seeking sensor

Not in this year's kit –

NXT rechargeable battery

2 fewer servo motors (for a total of 2)

New TETRIX parts (not in kit but available through PITSCO)

Chain and sprocket kit

Reduced priced metal gears (15%)

Combined packages of gears, motors, and servos for greater savings

Allowable Materials:

Surgical tubing

Wire rope

PVC pipe

Up to 2' x 2' area of aluminum, polycarbonate, Kydex, ABS, and PETG for forming shapes and components both mechanically and thermally as well as the same maximum size non-slip padding