

FTC Block Party Ideas

Lift/hang designs:

Preliminary lift design using rack and pinion:

http://www.youtube.com/watch?v=TGfjhM6liWA&feature=player_detailpage

Hang test using winch: <http://www.youtube.com/watch?v=YEN6i21mHuM>

Autonomous tests:

Clamp autonomous test:

http://www.youtube.com/watch?v=vVrKERuB1YA&feature=player_detailpage

Smooth and quick autonomous: <http://www.youtube.com/watch?v=bZ2RrJUBink>

Block manipulators (picker-uppers):

Block manipulator using rollers: <http://www.youtube.com/watch?v=tjFSFZ3CLek>

Block manipulator using side rollers: <http://www.youtube.com/watch?v=-8U9tUDXtgl>

Block manipulator using scoop: <http://www.youtube.com/watch?v=iivUPYposX0>

Flag raisers:

Flag raiser design: http://www.youtube.com/watch?v=qcgi7Jf5tgQ&feature=player_detailpage

Another flag raiser: <http://www.youtube.com/watch?v=1ZIC0EEpjRY>

Match examples:

Block Party Scrimmage: <http://www.youtube.com/watch?v=wNlegJzrhPs>