

Doodle Lou's

Build 'n Race with Bulldozer Grouser

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Grouser are a special kind of "wheel" often seen on bulldozers, tractors, and other construction vehicles. Grouser improve traction in loose material such as soil or snow. Grouser increase the amount of contact the vehicle has with the ground. They often have protrusions like conventional tire treads or cleated track shoes. On construction vehicles, grouser are made of flat metal plates with raised bars to aid in traction.

YOU WILL NEED:

- Several large, corrugated cardboard boxes
- Clear packing tape
- Adult help cutting the cardboard into same-size rectangles



**As you cut out your corrugated cardboard rectangles make sure the corrugation runs horizontally across the long sides.*

DIRECTIONS:

1. Collect several large, corrugated boxes.
2. Cut the boxes to flatten them.
3. Trim the boxes to make identical rectangles, 18" x 24" or larger.
4. Tape the rectangles together with clear packing tape on both sides of the seams.
5. Continue until the row of rectangles are big enough to cover your child when he is on hands and knees. Tape ends to create a continuous loop.
6. Repeat process to create TWO grouser.
7. Have your child crawl inside one grouser, and invite a friend to position themselves in the other.
8. Mark out the distance the two should travel-- and let the race begin!

