



ENGINEER @ HOME STEAM KIT

WITH THE DOMINO EFFECT KIT

Recommended for ages 5 & up

KIT CONTENTS:

- * 200 wooden dominos
- * 2 cardboard tubes
- * 13 balls
- * 8 Keva planks
- * 10 wooden domino accessories
- * 4 orange roadways
- * 3 blue road connectors
- * 1 green domino spacer
- * Challenge Sheet
- * Stop Watch
- * Measuring tape
- * *Championship Domino Toppling* by Robert Speca
- * *Physics: Why Matter Matters!* By Dan Green

BENEFITS OF USING THIS KIT:

- * Introduces the concepts of force, motion & velocity
- * Demonstrates cause-and-effect
- * Engages in creative thinking and problem solving



ENGINEER @ HOME

STEAM KIT BORROWING POLICY

- * **STEAM Kits must be checked out and returned to the Lodewick Children's Library information desk. Kits returned to the book drop will be considered late and subject to a late fee.**
- * **One (1) STEAM Kit can be checked out per family for 7 days with a current Ridgefield Library Card.**
- * **A \$2 per day late fee, up to \$20 will be assessed for late return.**
- * **Patrons assume responsibility for lost or damaged items in this kit.**
- * **Replacement fee for lost kit is \$75; book is \$20; lost bag is \$10; lost individual pieces vary**
- * **Patrons are unable to place holds on or renew kits.**
- * **Staff reserves the right to use STEAM Kits for programs or other Library-related events at any time.**
- * **Patrons agree to return kit in same organized fashion as it was upon checkout.**



MAKE TECH @ HOME

STEAM KIT #5

DOMINO EFFECT KIT



rl.
ridgefield
library

Recommended
for ages 5 & up

MAKING

STEAM
@ ridgefield library



STEAM KIT #5

rl.
ridgefield
library

- 8 wooden planks
- 3 blue road connectors



STEAM KIT #5

- 2 white cylinders
- 1 yellow cylinder
- 2 green stairs
- 1 white ramp
- 1 red arch
- 1 blue arch with
- wooden dowel
- 1 green with wooden ball
- 1 red arch with bell



STEAM KIT #5

- 100 purple wooden dominos



STEAM KIT #5

- 1 large red ball
- 1 white ping-pong ball
- 1 gray Keva ball
- 4 glass marbles
- Two 3/4" wooden balls
- Two 1" wooden balls
- Two 1 1/4" wooden balls



STEAM KIT #5

- 100 green wooden dominos

