GANDBOX

GET INSPIRED

OK Go created this video by connecting a series of simple machines together, to create a single chain reaction machine, timed perfectly to their song. So perfectly in fact, that one section of the machine actually plays a part of the song itself.

Q&A WITH THIS TO SHALL PASS Check it out

From collaborating with engineers, to the lengthy testing process and many attempts it took to finally get it shot, OK Go tell the story of how "This Too Shall Pass" came to pass.

CHALLENGE ACCEPTED



This video will outline the challenge and explain OK Go's creative thinking behind the music video "This Too Shall Pass." Recognize different simple machines and create your own in a chain reaction machine, using the engineering design process to explore forces and motion.



GATHER SUPPLIES

Dig open your Supply Bag and put on your creative thinking hat.

- Pipe Cleaners
- Sheets of Foil • Marbles
- Play Doh • Straws
 - Dominoes

*Feel free to use anything else in your swag bag, around your classroom or home. (Books, silverware, pens, string, tape, keyboard, etc.)

INSTRUCTIONS

A chain reaction machine is a series of simple machines – one after the next. We challenge students to discover the simple machines in OK Go's videos.

SIMPLE MACHINES SCAVENGER HUNT

In the boxes below, list the things in OK Go's music video, This Too Shall Pass, that are examples of the corresponding simple machine.

WHEEL & AXLE	OBJECT/MACHINE	TIME	PULLEY	OBJECT/MACHINE	TIME
Example: Wheels on car at 0:07			Example: Jar on string at 0:53		
LEVER	OBJECT/MACHINE	TIME	WEDGE	OBJECT/MACHINE	TIME
Example: Dominoes at 0:10			Example: Hammer hitting TV at 2:40		
INCLINE PLANE	OBJECT/MACHINE	TIME	SCREW	OBJECT/MACHINE	TIME
Example: Ball on incline at 0:18			Example: Candlestick 0:58		