

ADVENTURES

IN

SAFETY

ISSUE 1



“ **WELCOME**

TO THE VERY FIRST EDITION OF ADVENTURES IN SAFETY.

I'M SUPER ZERO. TK ELEVATOR'S SAFETY SUPERHERO. ME AND MY FRIENDS MAXIMUS AND ELLIE ARE ON A MISSION TO KEEP EVERYONE SAFE. AND YOU CAN HELP US!

WE'RE GOING TO SHARE IMPORTANT SAFETY LESSONS IN THIS NEWSLETTER, BUT WE'LL ALSO TEACH YOU FUN FACTS ABOUT ELEVATORS AND ESCALATORS AND HOW THEY WORK.

WE CAN'T WAIT. **SO LET'S GET STARTED!** ”

SAFETY TIP!

NEVER USE AN ELEVATOR IN THE CASE OF A FIRE – ALWAYS TAKE THE STAIRS



HA HA HA HA

WHAT IS IT CALLED WHEN YOU PUT A COW IN AN ELEVATOR

RAISING THE STEAKS!



USE THE CLUES TO FILL IN THE WORDS BELOW

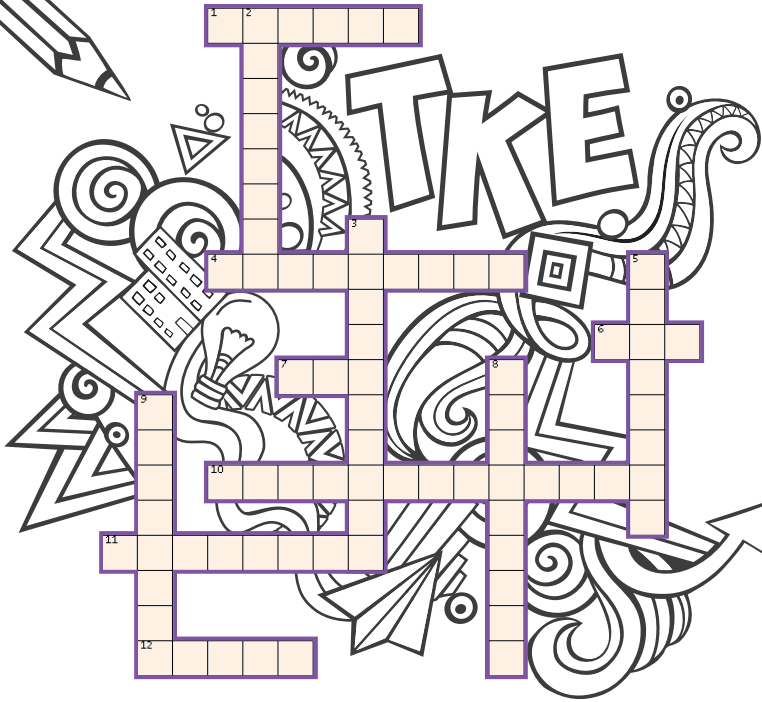
Words can go across or down. Letters are shared when the words intersect.

ACROSS

- 1 Elevator pulley
- 4 Type of elevator that uses pistons and fluid
- 6 The measure of an elevator's speed
- 7 People ride in this part of the elevator
- 10 Added weight on a traction elevator to provide a balance to the car
- 11 Type of elevator that uses ropes and counterweights
- 12 Metal tracks that guide the elevator up the hoistway

DOWN

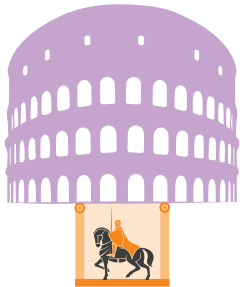
- 2 Another word for the elevator shaft
- 3 You press this to request an elevator
- 5 The maximum weight that an elevator can hold
- 8 Device that provides a physical lock for hoistway doors and gives an electrical signal which allows the car to run
- 9 The mechanical speed control mechanism



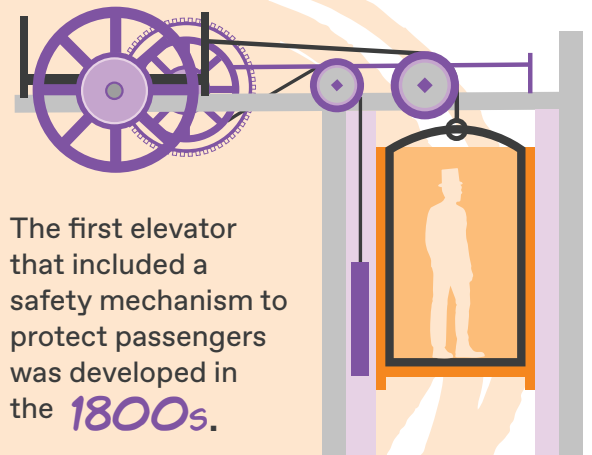
DID YOU KNOW?

The earliest elevator designs date back to **300 B.C.** The design used a rope and pulley system to lift

animals and gladiators from below the famous Colosseum and into the arena for spectators to watch.



ACROSS 1. Sheave 4. Hydraulic 6. FPS or MPS
7. Cab 10. Counterweight 11. Traction 12. Rails
DOWN 2. Hoistway 3. Callbutton 5. Capacity
8. Interlock 9. Governor



The first elevator that included a safety mechanism to protect passengers was developed in the **1800s.**



Click here to continue the adventure on the safety ambassador

WEBSITE!

FUN FACT

THE FIRST ELECTRIC ELEVATOR WAS BUILT BY THE GERMAN INVENTOR **WERNER VON SIEMENS** IN 1880.