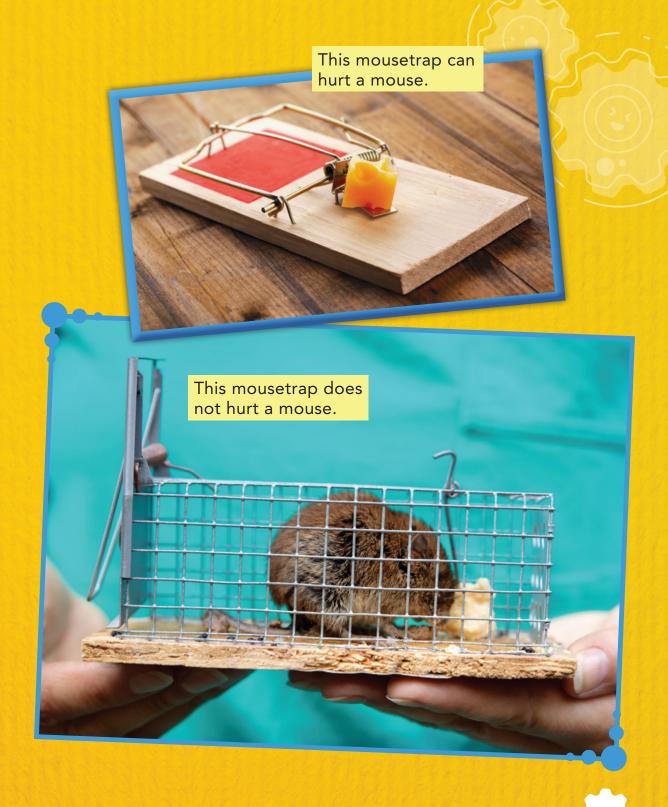
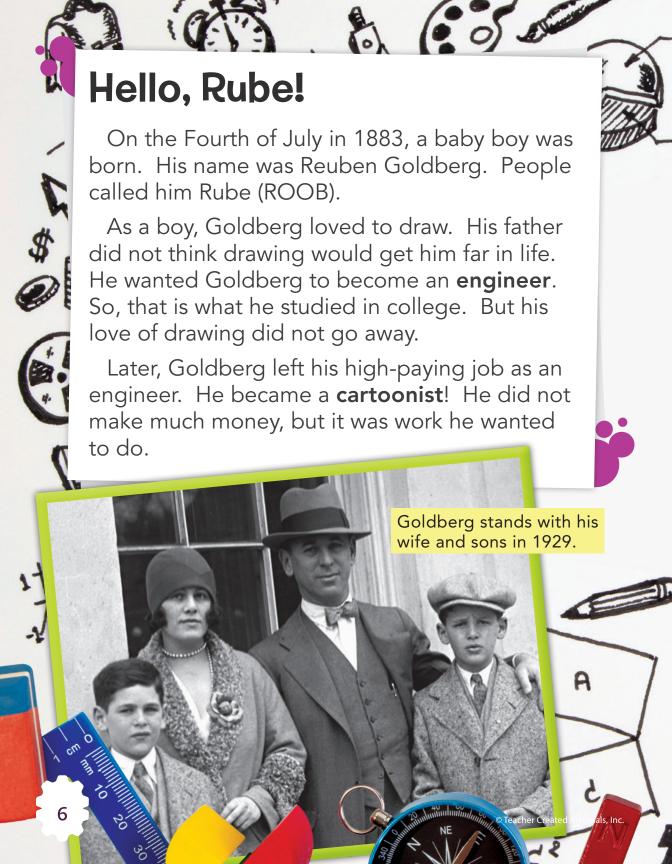
Build a Better Mousetrap

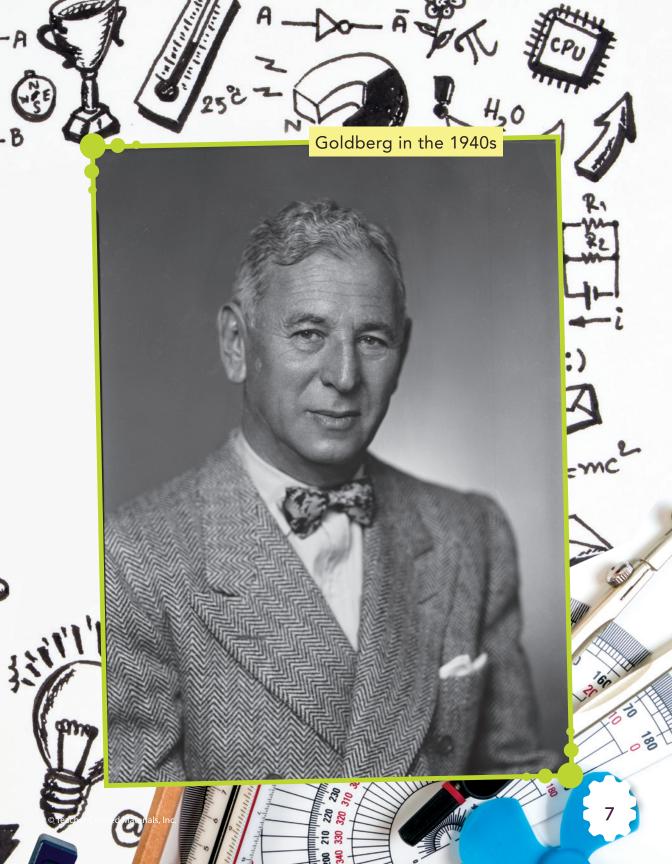
If you want to butter bread, you spread it with a knife. If you want to open a door, you turn the knob and push. If you want to catch a mouse, you set a trap and wait for it to spring. But is there a better way?

A famous phrase is: "Build a better mousetrap, and the world will beat a path to your door." It means that everyone will want what you made. But if a simple thing works well, is there always a better way?





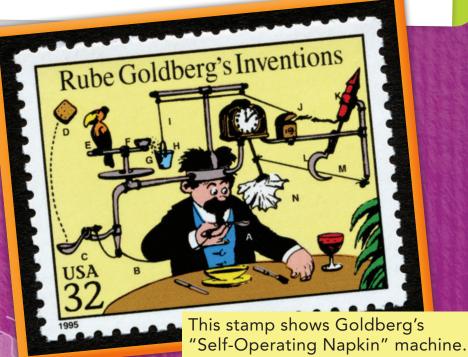




Goldberg drew a lot of comics. Some of them were about serious topics. They made people think. Other comics made people laugh. One of them even won a **Pulitzer Prize**!

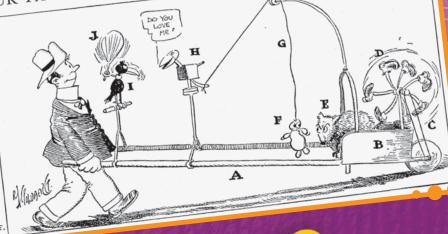
Goldberg was also famous for his drawings of machines. The machines used tools to do simple tasks in **complex** ways. They made people laugh.

One of his most famous drawings was his napkin machine. Goldberg drew a complex way to use a napkin. It shows a series of causes and effects. The man uses the napkin but never has to pick it up.





TAKE HOLD OF:
HANDLES (A) OF
WHEELBARROW (B)
AND START WALKINGPULLEY (C) TORNS
RICKING ARRANSOHOIT
(D) WHICH ANNOYS
BEAR (E) - BEAR
SUSPETS DOLL (F)
AND EXTS IT,
PULLING STEINDS(G)
WHICH STARTS
HECHANICAL BIRD
(M) SAYING, "DO YOU
(M) SAYING, "DO YOU
(I) KEEPS STAKING
FAN (J) TO MOVE
FAN (J) TO MOVE
FAN (J) TO FORTH
MAKING NICE
BREEZE BLOW
RIGHT IN YOUR FAGE



Technology & Engineering

Cause and Effect

Engineers think about cause and effect. They know moving water will turn a waterwheel. They know wind will turn a windmill. They must know each action has a reaction. That helps them know what to expect.