

# 10

# DAYS DESIGN CHALLENGES

DAY 1

**TOWER CHALLENGE** How tall will you build ... with just one piece of paper!



DAY 2

**“CAST AWAY” BUDDY** WILSON! Can you make a friend out of a common household item? Get creative!



DAY 3

**GOOD DOG!** Build a treat delivery system for your pet. How far can you get the treat to travel?



DAY 4

**STOP THAT BALL!** Design a device to take the bounce out of a bouncy ball.



DAY 5

**FLY AWAY** Build similar paper airplanes but out of different kinds of paper. Which one flies best?



DAY 6

**SECRET FORT** Build a fort! Is it a study space, a music studio, a tinkering lab, an Arctic research station?



DAY 7

**RUBE GOLDBERG** Build a device that has at least five steps and ends moving a pencil as far as possible.



DAY 8

**SECRET SKETCH** Team up (in-person or virtual) and play this mystery drawing game.



DAY 9

**HIGH WIRE** This activity will take your engineering abilities to new heights.



DAY 10

**BIG BOARD GAME** Make a board game larger than life.

