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.