

DESIGN CHALLENGE GENERATOR

Make your own deck of cards using this template (print and cut) then divide into two decks. Have small teams of students each pull a Design a.. card then a That... card and then get building using simple craft materials.

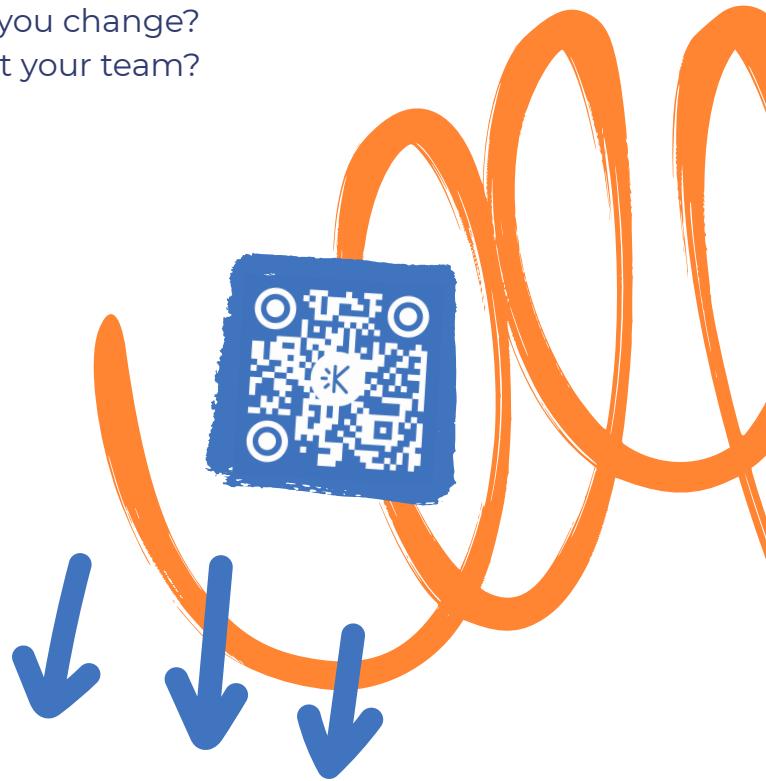
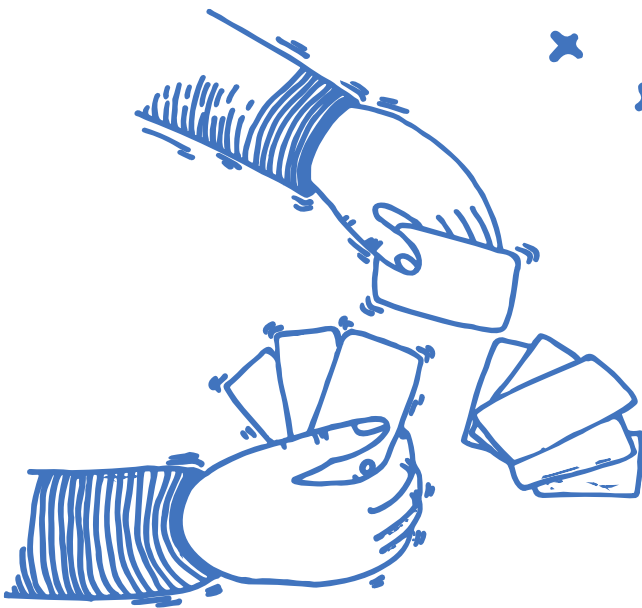
- Popsicle sticks
- Pipe cleaners
- Googly eyes
- Tape
- Colored paper/cardstock
- Markers
- Pom poms
- Scissors
- Random items

Want to up the challenge?

- Set a timer and make this a quickfire design game.
- Introduce a mystery object that must be integrated into their creation mid-way through the challenge.

Have each team reflect and debrief using the following questions:

- What was the most difficult aspect of this challenge?
- If you were to do this again, what would you change?
- How did you resolve differences amongst your team?



Cut along the line marked with scissors.





DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...





CUBE

VEHICLE

CONTAINER

STRUCTURE

TOWER

**PIECE OF
FURNITURE**

TOOL

**PIECE
OF ART**

**ARTICLE OF
CLOTHING**



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...



DESIGN

A...





TOY

ROBOT

CREATURE

**MUSICAL
INSTRUMENT**

MASK

**NEW
INVENTION**

MONUMENT

**PIECE OF
FURNITURE**

DWELLING



THAT...



THAT...



THAT...



THAT...



THAT...



THAT...



THAT...



THAT...



THAT...





**REPRESENTS
YOU**

SPINS

**REPRESENTS
SOMEONE
IMPORTANT**

**IS FROM THE
FUTURE**

FOLDS UP

**TRANSFORMS
INTO
SOMETHING
ELSE**

**HIDES
SOMETHING**

**MOVES IN AN
UNEXPECTED
WAY**

**BENEFITS
YOUR
COMMUNITY**



THAT...



THAT...



THAT...



THAT...



THAT...



THAT...



THAT...



THAT...



THAT...





FOLDS UP

**HAS A
SURPRISE**

**MAKES
SOMEONE
LAUGH**

**SOLVES A
PROBLEM**

**REPRESENTS
YOU**

**TELLS A
STORY**

**HELPS
SOMEONE**

IS BEAUTIFUL

EXPANDS