

GENERATE INTRODUCTION

OVERVIEW OF GENERATE SOLUTIONS PHASE

The worksheet in the **Generate Solutions** phase of the process is focused on generating as many solutions to a problem as possible. Once many solutions have been generated, members of your team will select one to four to move forward to prototyping.

This is a collaborative process and should be completed in teams. These teams can be school-based or from other schools.

OBJECTIVES OF GENERATE SOLUTIONS PHASE

The goal of this phase is to use the POV statements and HMW questions to generate many solutions. By generating lots of solutions, you will get to innovative solutions. From there, the team will use criteria to select ideas that have clustered into themes.

At the end of this phase, all team members should be clear on 1-4 ideas that they are interested in prototyping.

MINDSETS OF GENERATE SOLUTIONS PHASE

- Many ideas lead to good ideas
- Defer judgment and criticism of ideas
- Idea generation is not the time for evaluating ideas
- Brainstorming is a collaborative team activity
- Allow yourself to think of wild ideas
- See opportunities in constraints
- This phase is the time to solve the problem

