

Harvesting engineering challenge

Design, build, and reenact a soybean harvesting event using the RVR robot, various maker tools, and the Sphero EDU software for coding.

Choose which task you want to work on:

- 1) Create a soybean field. (making mini plant models, outlining the field, creating the starting point and the harvest drop point for the crop)
- 2) Create the structure to attach to RVR for harvesting the crops. (Cardboard top structure and harvesting component to attach to the front or side of the RVR)
- 3) Learn to code the RVR using the Sphero EDU software.
 - a) Get started with this lesson- <https://edu.sphero.com/cwists/preview/67572x>

Exit ticket

What team were you on?

What would you do differently if you could choose to do this activity again?

What was the hardest thing you had to do?

What advice would you give to others who may do this challenge?

This document may be reproduced for educational purposes, but it may not be reposted or distributed without crediting GrowNextGen and the Ohio Soybean Council and soybean checkoff.