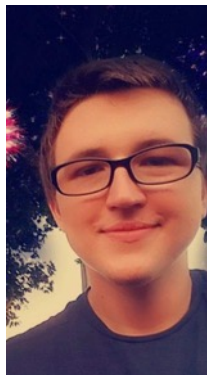


GOLD AWARD

**Broxton Tobolski
Austin Fullington
Dawson Poradzisz**



“G3S Portable Greenhouse”

School: **Branch Area Careers Center
Coldwater**

Teacher: **Marvin Gage**

Mentor: **Drew Lark**

XENITH

Design Concept:

The G3S Portable Greenhouse is designed to extend the growing season by opening and closing automatically, using temperature sensors. It provides the optimal growing conditions at all times. The environmentally friendly design incorporates solar panels to power the system and water sensors to efficiently water the plants, conserving water usage.

G3S PORTABLE GREENHOUSE

The G3S Portable Greenhouse is designed to lengthen the growing season into three seasons. It allows crops to be planted in early spring and extends the growing season into the fall. During the summer months the greenhouse can be retracted to allow the plants to be exposed to the natural elements.



