

Solar Trailer

PROJECT SUMMARY

This was a year-long experience for the senior class. Students learned and used various construction techniques including welding, carpentry and sheet metal work to build a mobile classroom for the New Mexico Solar Energy Association. This mobile classroom is designed to demonstrate current renewable energy technologies.

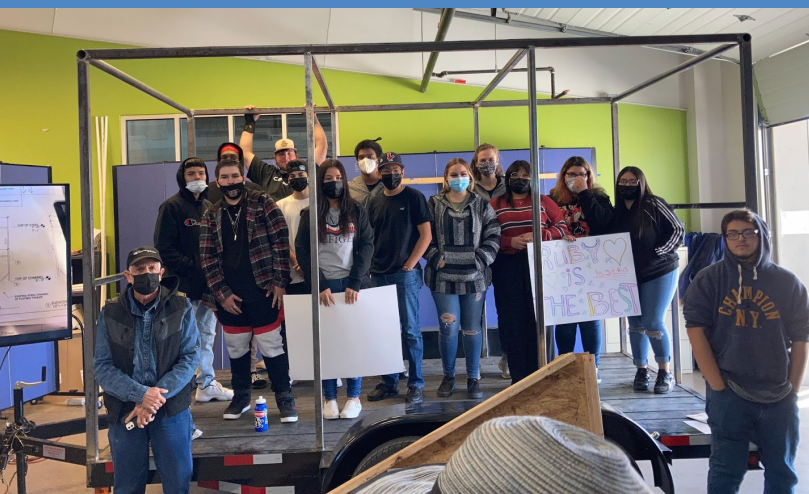


CREDITS OFFERED

Applied Math, IMP2, IMP3, CTE
Apprenticeship Readiness,
Metalwork, Carpentry, Integrated
Science

DRIVING QUESTION

What are the skills and knowledge needed to build the SunChaser?



INDUSTRY PARTNERS

- New Mexico Solar Energy Association
- Wylie Mechanical
- New Mexico Tech

WHAT STUDENTS CREATED

Students built a mobile classroom from an existing flatbed trailer to demonstrate current renewable energy technologies including photovoltaics and solar hydronic heating/cooling systems.

CULMINATING EXPERIENCE

Students presented their work at the NM Solar Energy Association's 50th Anniversary Dinner.