



GEARING TOWARDS THE FUTURE

7TH & 8TH GRADE

DESIGN AND COMPLETE A PLAN FOR ELECTRIC VEHICLE CHARGING INFRASTRUCTURE

LET'S STRATEGIZE A PLAN! With the rapid growth of the Electric Vehicle industry, the need for a larger charging infrastructure plan across the U.S. is critical. Design a plan to be implemented in the United States outlining the Electric Vehicle charging infrastructure across all 50 states.

CHOOSE ONE: DESIGN DRAWINGS

Participation options:

- Individual
- Team of up to 4 students

Present innovative options for an electric vehicle charging infrastructure that could be implemented throughout the U.S.

Identify 3 key features of the plan in a featured drawing

Reference sources of information to include interviews with experts, reference books, periodicals, websites, etc.

ESSAY

Participation options:

- Individual
- Team of up to 4 students

2,000-word limit

Describe your plan and route for an electric vehicle charging infrastructure

Identify 3 key features and describe the design and layout of the route and infrastructure.

4-graphic limit

PRESENTATION

Participation options:

- Individual
- Team of up to 4 students

Create a PowerPoint presentation and a video of the charging infrastructure for a designed marketing or sales pitch.

Identify 3 key features and describe the design and layout of the infrastructure of the plan.

Reference sources of information to include interviews with experts, reference books, periodicals, websites, etc.

CLASSROOM PROBLEM-BASED LEARNING PROJECT

Participation options:

- Classroom
- Grade level

Present a plan outlining the infrastructure plan in a community setting of any size in any climate.

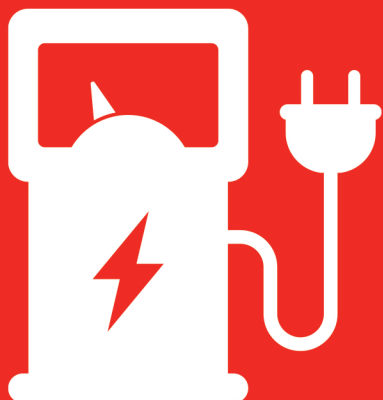
Identify 10 key factors of the plan

Record a video describing the design and layout of the plan.

Submit a written description with a 1,500 word limit

Reference sources of information to include interviews with experts, reference books, periodicals, websites, etc.

SUBMISSIONS DUE: 01/03/23



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SUBMIT YOUR PROJECT AT [STEM.BARRETT-JACKSON.COM](https://stem.barrett-jackson.com)