



Design Your Car of the Future - Activity Instructions

In this activity, you are going to design your very own car of the future and present it to your class.

Think big and dream out of the box.

REMEMBER:

- No idea is a bad idea - sometimes it's the little ideas that open the way to big dreams!
- Don't worry about what's possible; just focus on what you'd like to see. Some amazing ideas are born from dreams!

Sustainable Power

Petrol, gas and diesel are non-renewable resources, which means that they will eventually run out and we won't have any more of them left on planet Earth. Yet almost all cars currently use these as a source of fuel. Car manufacturers are already considering alternative energy sources (some research by your group may help with this)

Think about what waste products your car's fuel might produce. Fossil fuels (like petrol) produce carbon dioxide emissions, which pollute the air. A solar-powered car has no emissions.

Think about:

- how your car moves and looks
 - what it's made out of
 - what it's fuelled by
- the positive things it does for the world.

Answer the following questions on a piece of paper and include this information in your presentation to the class.

What is the source of power for your car?

What speed will your car travel?

What safety features does your car have?

What materials will be used to make your car? Are they environmentally friendly?

What are the interior and exterior features?

What new technologies will you incorporate in your design?

How will the car benefit people?

How will the car benefit the environment?

Why is your design the best one for your community?

What is unique about the design?

What inspired you to create your invention?

PROJECT BRIEF

CarcreativeInc.



Project Name:

Team Name:

The teams values and goals

Problems: What problems is your car deisnged to solve and who will this benefit?

Who is this car created for? A family? A professional? Include details about the design to explain why.

Car materials

What is uique about your car?



Cars From the Future Activity

Eco-Car Checklist



Car design brief

Design Team

Pick a team name

Draw a team logo

Design of Car

Make a list of features

- Must have at least 5 features
- Three features to decrease pollution/increase efficiency
- Two features to improve the appearance

Draw and label your design

Colour and decorate design

Name your car

Design Presentation

A picture or drawing of your group and everyone's name

Your car's name and a slogan about the car

The cool features of your car

An explanation of how your car reduces pollution

Why your car is the best