



Greenpower
Education Trust
PORTFOLIO GUIDE
GOBLIN



SIEMENS



SOLID EDGE

**Hogan
Lovells**

Your Greenpower Portfolio Guide

Why make a portfolio?

- You can use this to show everyone what you have learnt.
- All portfolios gain points for the team on race day.
- The best portfolio receives an award from Greenpower.

What is a portfolio?

A portfolio is simply a way for your team to show off everything that you have learnt throughout your time on the Greenpower project. It is a record of your Greenpower journey and will explain how you designed, built, and raced your car. If you haven't raced yet, you can explain what you want to achieve when racing.

How do I show what I've done?

You can show all of your hard work throughout this project in your portfolio in lots of different ways. Keep a record as you go so you remember everything that happened during the build.



Links to my learning?

We are sure that you are going to learn so much throughout the Greenpower project and you will soon be expert engineers. This project will help you learn about forces, aerodynamics, properties of materials, and the relationship between mass and acceleration. You will also develop your IT skills using the Solid Edge 3D viewer software and of course you will have to use your design skills when building your car. Now you can really show off in your Science, IT, Maths and DT lessons by telling your classmates all of the things that you have learnt. Make sure you include your learning in the portfolio.





Did you have to solve any problems during the project? Did you work as a team? Greenpower would love to see photos that show engineers hard at work, whether they show your team designing, building, racing or even fundraising.



A video can be a good way of showing your achievements. Ask your teacher to help you with this and make sure you have permission before uploading anything.



You can include diary entries, create a poster or even write a news article telling the world how you tackled this project.



Did you win any awards from school for your commitment to the project? Maybe you were lucky enough to win an award at a previous race day. Make sure you include it, and explain why you won it!



We hope you used the 3D Solid Edge CAD viewer models when working on your car. Maybe include a photo of your team using the software.



Did anyone you worked with comment on the brilliant work you had done? Maybe it was a parent, friend or teacher. Be sure to include their thoughts too.

Portfolio steps to success

If you don't know where to start when creating your portfolio then use the steps below to help. If you manage to include all these steps then we are sure you will have a great portfolio.

What did you learn about careers in industry?

Did you visit a company in industry? Include some photos

Explain how you fundraised

What made you choose your final design?

Did you encounter any design problems?

Include a photo of you using the 3D Solid Edge viewer

If you have raced before, describe the race day.

Do you have any videos of your team test driving your car?

How did you work as a team? Did your mentor help?

Have you won any race awards or get any certificates?

Add a diary entry, news article or piece of written work

Did your car have any problems during the race?

Have all the information you need to start creating your portfolio?

What are your three WWW's and EBI's?

Off you go!

We can't wait to choose a winner.

1 Fundraising

2 Company

3 Careers

4 Solid Edge

5 Problems

6 Final Design

7 Team

8 Videos

9 Race day

10 Problems

11 Written

12 Awards

13 Websites

14 Ready to start

Submitting your Portfolio

To enter your portfolio for the portfolio award at an event, simply bring it with you on race day and take it to Race Administration when you sign in. It will then be judged during the day by our independent judging team. They'll ask you if they have any questions or want to find out more.

To download the Solid Edge for FREE and CAD models of the F24 kit car visit https://www.plm.automation.siemens.com/en_gb/academic/projects-competitions/greenpower.shtml

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