




GREENPOWER EDUCATION TRUST

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GOBLIN PORTFOLIO AWARD



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GOBLIN PORTFOLIO AWARD

The information below provides the reasons and direction for the creation and maintenance of a project portfolio.

When a student has completed a module, enter the date in the appropriate column on the outcomes summary sheet.

In order to receive a certificate, teachers may submit their class information and evidence to info@greenpower.co.uk.

Certificates will be awarded in the following way:

Minimum of 2 modules completed (any order): **Bronze.**

Minimum of 4 modules completed (any order): **Silver.**

Minimum of 6 modules completed: **Gold.**

A member of Greenpower staff will review the submitted work, provided everything is complete will issue the Portfolio Award certificate.

Above all, the objective is to engage with all students involved in the team to ensure development of vital skills in STEM and promote self-confidence which in turn will generate interest in and open future career pathways. The individual diaries and overarching Project Plan can be used as tools to interest potential employers and as a discussion point at interviews.

Outcomes Summary Sheet

| Module | Learning Outcome | Student notes/ comments | Date completed | Project leader initials |
|--|---|-------------------------|----------------|-------------------------|
| Understanding portfolios | Project preparation | | | |
| Building the Team | Goal setting Role assigning | | | |
| Sources of Funding | Literacy skills Numeracy Skills | | | |
| Communications | Oracy skills | | | |
| Team Work | Active listening Responsibility Communicating effectively | | | |
| Diary and project Documentation | Organisation skills | | | |

If you would like to enter the portfolio award competition, please submit the school's best portfolio for judging.

Below is a grading system to help choose your students best portfolio (Please mark each area from 1-10)

| | |
|-----------------------------------|--|
| Overall Presentation | |
| Level of detail in content | |
| Use of photo documentation | |



Module 5 - Team Work

Evidence of team work can be shown in the following ways:

- A common approach.
- Complementary abilities.
- A structure to allow objectives to be met.
- Trust in fellow members to achieve their own objectives.
- An inspiring leader / mentor.

Please provide any photographs, film footage or other media to support this section.

Module 6 - Diary and Project documentation

Encourage every student to keep their own diary of activities including:

- Their role description.
- Problems encountered and solutions found.
- Time spent on their objectives.
- Objectives that have been met.
- Any external visits to interested parties.
- Any presentations prepared and delivered.
- Any testimonials or awards received individually or as a Team.



Module 1 - Understanding Portfolios

A portfolio is a brilliant way of showing individual, team and mentor contributions to the Greenpower Goblin car project. It is a comprehensive record demonstrating skills development in Creativity and Collaboration, Problem Solving, Digital Skills, Communications, Engineering and Project Monitoring. This will stand the student in great stead for future career development as well as enjoyment in the technical challenge of producing a working vehicle.

Portfolios can be a way of reducing points for the team on race days (The lowest points wins) and showcasing the team efforts, potentially attracting awards from Greenpower, your school and maybe even sponsors.

Objectives:

- Outline when the team will work on the portfolio.
- Create a list of where you want to share your portfolio/s.
- Ask your team why they feel a portfolio would be beneficial to them.

Module 2 - Building the Team

A collaborative approach in creating the Team is essential for the success of the project.

Objectives for the Team:

- Create a Team Name.
- Create branding and uniform design.
- Understand the Build Process.
- The mentor should discuss if all students will be involved in all aspects of the build or whether groups of students should be responsible for specific aspects.
- Delegation of aspects of the project to specific individuals or groups. For example, fundraising, communications, presentations to internal and external bodies, diary documentation, bodywork design and preparation.
- Create and agree a project plan with timings.



Module 3 - Sources of Funding

Various sources of funding are potentially available to your Greenpower team. It will be very useful if your students understand where they can approach and the different ways they can get in touch with the organisations.

The objectives are to raise funds by approaching the following and record any applications made, letters written, or meetings held with potential funding sources.

- School funds.
- Contributions and involvement of Parents.
- Non-uniform days (by agreement with the School).
- Raffles, cake sales and similar.
- External sponsors by formal applications.
- Local councils.
- Sponsored walks, runs, swims etc.
- Internet “crowdfunding”.
- Local organisations with an interest in STEM projects.

Module 4 - Communications

It is important that internal and external bodies are kept up to date with progression of the project. Feel free to include any reports, posters or publications your team has made.

This can be achieved by

- Newsletters.
- School website.
- Progress presentations, either digitally or verbally together with photos and videos.
- The above information can also be used as evidence for fundraising efforts, either as an individual or group together with graphic design for posters.