



Wonder Project

Power Challenge

Activity 5.1: Improve

The improve stage is when STEM superstars work together to make their turbine the best it can be.

Take another look at everything you've learned across the challenge. Then, write down some things you could improve, and how you could improve them.



What we've learned about energy transformation:

What we've learned about aerodynamics:

What we've learned about torque:

What we've learned about blade design variables:

[Empty box for notes on energy transformation]

[Empty box for notes on aerodynamics]

[Empty box for notes on torque]

[Empty box for notes on blade design variables]

We can use this information to improve our turbine by:

We can use this information to improve our turbine by:

We can use this information to improve our turbine by:

We can use this information to improve our turbine by:

[Empty box for improvement ideas related to energy transformation]

[Empty box for improvement ideas related to aerodynamics]

[Empty box for improvement ideas related to torque]

[Empty box for improvement ideas related to blade design variables]

Now you can create your improved design and finalise your supercharged turbines!