



Wonder
Project

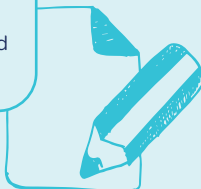
Rocket Challenge

Mission Brief 11: Improve

The improvement stage is when **STEM superstars** work together to make their rocket the best it can be. They test and improve until they've engineered the ultimate super-powered rocket!



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.



Tip! If your rocket design is already flying perfectly, why not try adding a parachute inside the nosecone? It will deploy after your nosecone falls off and bring your rocket safely back down to Earth.

What we've learned
about force:

What we've learned
about Newton's laws:

What we've learned about
aerodynamic design variables:

What we've learned from
testing our rockets:

We can use this information to
improve our rocket by:

We can use this information to
improve our rocket by:

We can use this information to
improve our rocket by:

We can use this information to
improve our rocket by:

Now you can create your improved design and finalise your super-powered rockets!