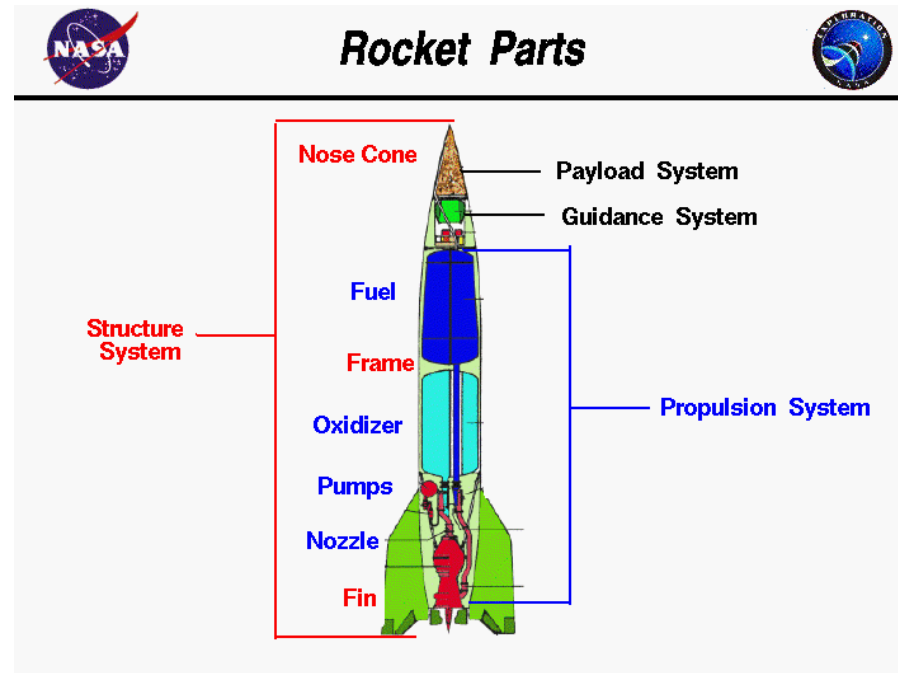


# LAUNCH YOUR ROCKET!

Engineers began designing modern rockets near the beginning of the 20<sup>th</sup> century—about a hundred years ago! Even though it's already been a century, engineers continue to improve their rocket designs to make them more powerful and successful. What changes can they make to their rocket to have it fly farther? What would make a rocket fly straight or curve?



You can be your own rocket scientist at home! Make your own rocket using the [Jet Propulsion Lab's template](#), and see how far you can launch it using a straw. Adjust your rocket to see how changes affect its flight! The longer or shorter your rocket is, the farther or shorter distance it will fly. Try folding one of the fins! Does it fly straight, or does it curve?