

Are you looking for a creative project to work on this month? March At-Home Stem Project Counting on Katherine-How Katherine Johnson Saved Apollo 13 Read the book or watch an online reading of the book. Research flight patterns and rockets. Design Challenge: Design and create a rocket. Launch the rocket at different angles to see how the flight trajectory changes. Complete the Engineering Design Process Sheet. Add as many details as you can to your design sheet. Build your design with household items or with a digital program. Bring your project and design sheet to school any day this month. Your project will be displayed in the Media Center. We Can't Wait to See Your Projects!



What is the Design Process?

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Ask	Imagine
 Identify the problem Determine design constraints Consider relevant prior knowledge 	 Brainstorm design ideas Draw and label those ideas
Plan	Create
 Pick one idea Draw and label the idea Identify needed materials or conditions 	 Carry out the plan Create the design Test the design
Improve	
 Reflect on testing results Plan for, create and test a new (improved) design 	