

# Badge Tip Friday!

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Week 8

Friday, May 22<sup>nd</sup>  
Engineering Badges!

Here are a couple of fun ideas to get you started on earning the Daisy Model Car Design Challenge Badge!

Idea #1: Make a clothespin car! Using a few items you probably have around your house, make your very own recycled racecar!

Idea #2: Try making a wind-powered sail car! Think about ways you can customize your design to really make your car zoom!

Here are a couple of fun ideas to get you started on earning the Brownie Fling Flier Design Challenge Patch!

Idea #1: Make a paper airplane! Try making several different designs and using different types of paper (notebook paper, newspaper, junk mail, etc.) and see which ones fly the farthest!

Idea #2: Create a paper airplane launcher! Soar to even higher heights by designing a launcher for your newly-crafted paper airplane!

Here are a couple of fun ideas to get you started on earning the Junior Balloon Car Design Challenge Patch!

Idea #1: Build a balloon car! Use recycled materials and craft your own, unique balloon car. What elements of your design can you change to make it go the fastest?

Idea #2: Make a balloon rocket, and learn how your balloon vehicles move (hint: it's Newton's 3rd Law of Motion!)