

MAKE IT MONDAY

Parachute:

Design a parachute that can carry your favorite toy from any height to the ground. Redesign as you learn more about your invention. Record and share your data!



Time for Science Tuesday

Newton's Cradle shows conservation of momentum and energy using a series of swinging spheres. Try out this virtual cradle. Can you create your own?

<https://www.myphysicslab.com/engine2D/newtons-cradle-en.html>

Blossom's Brainiac Board



Water Wednesday

Make your own Rainbow!

Fill a glass cup 3/4 full of water. Take the glass and a piece of white paper to a place in your home with sunlight. Hold the glass above the paper and allow the sunlight to pass through the water and form a rainbow of colors on the paper!



Take a trip Thursday

Take a trip to the stars and become an astrophysicist. Tell us something you learned from looking at the stars.

<https://stellarium-web.org/>

Fun Friday

Playing cards and pennies

Place a card over the mouth of a cup. Place a penny on top, in the center of the card. Can you get the penny to drop directly down, into the cup, without lifting the card or touching the penny? Could you create a stack of pennies that would all drop at once?



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Thank you myphysics.com, Science Kids, stellarium.org and Science World for providing these ideas!

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