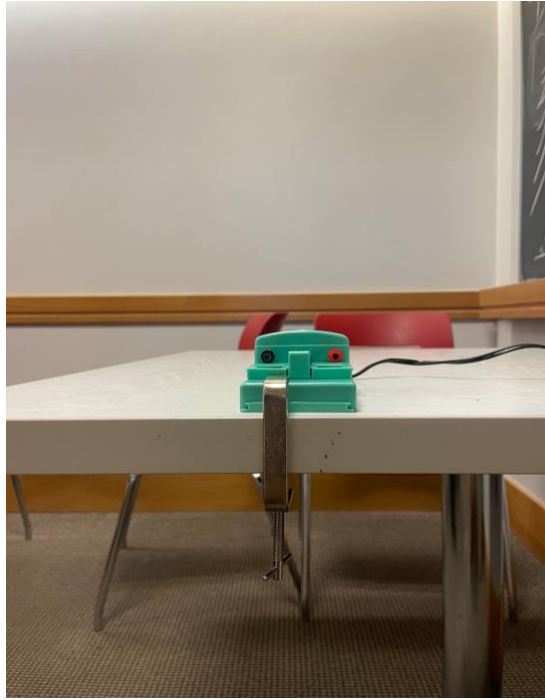


Instructions for lesson 2:

Step 1: Place the spark timer on the edge of the table and plug it into the extension cord. Use a clamp to attach the spark timer to the table.



Step 2: Use a hole puncher to cut a hole near the top of a cup. Then use a piece of string ~10 cm to tie up the string to the hole you punched in the cup. Choose one of the pieces of paper provided then tape one end of the paper. Use the hole puncher again this time to cut a hole through the tape (directly on the taped part of the paper). Tie one end of the string to the hole in the cup and the other to the taped end of the paper which should result in the following image.



Step 3: Slide the opposite end of the paper through the spark timer as shown.



Step 4: Wrap up a rubber band twice around the box provided (not over the top and bottom). Then use the other taped end of the paper to go around the rubber band (connecting it to the box as shown). Lastly, place the box on one end of the table and the spark timer on the opposite end.



Step 5: Proceed to follow the instructions on the worksheet.

Optional: If the table pulley fits over the edge of the table, attach inline with the spark timer such that the paper will roll over the pulley off the edge of the table instead of directly on the edge of the table

