

# DIRECTIONS FOR THE JASON.ORG ASSIGNMENT

**STEP 1:** Open the Firefox internet browser (from dock below or MacHD->Applications->Firefox)

**STEP 2:** Go to [www.jason.org](http://www.jason.org)

**STEP 3:** Login to the website (top right corner -> click Log In -> enter username & password)

Username = FirstLastName (no spaces!) ex. CarolynVaughn

Password = Your Waite Student ID # ex. 123456

**STEP 4:** Accept the Terms of Use for the Jason Project.

\*Select the box under the bold sentence.

\*Click on SUBMIT

You will be directed to the main home page.

**STEP 5:** Go to the top right corner of the screen to your "Messages - (1)" Click on this.

**STEP 6:** Open the Message "You have a new assignments for Period X Science"

**STEP 7:** Click on the link that will take you to the assignment.

**STEP 8:** The grey box explains the directions for the assignment (described next)

**STEP 9:** Watch the Coaster Creator Demo Video to learn how to play the game.

**STEP 10:** Next, go to "Play Now!!"

**STEP 11:** Go to "Learn How to Craft a Super Coaster" to get more info about Potential & Kinetic Energy.

**STEP 12:** Next go to "Build a Roller Coaster Right Now" and begin the task of designing a track for your rollercoaster.

## **YOUR ROLLERCOASTER MUST HAVE THE FOLLOWING:**

1. Any color/design of your choosing.
2. Minimum 4 cars
3. 2 upside down loops
4. 3 hills (the first one counts!)
5. No crashing or getting stuck - you must make it successful

**RECORD YOUR FINAL SCORE & DIFFICULTY ON YOUR SUCCESSFUL TRACK:** \_\_\_\_\_ (ex 1,732 – Medium)

**STEP 13:** FINAL STEP - GO TO THE CLASS BLOG <http://kidblog.org/WMS8thGradeScienceBlog/>

**\*\*ADD a NEW POST\*\***

**➔ IN YOUR POST, YOU WILL RESPOND TO ALL OF THE FOLLOWING QUESTIONS:**

1. What was your highest score & difficult level?
2. What are the most important features of a successful rollercoaster? (How do you start? How do you make sure the cars go through the loops? How do you slow it down at the end?)
3. Describe how you will begin the design of your rollercoaster, based on what you learned from the activity.
4. What did you learn about potential energy?
5. What did you learn about kinetic energy?

**➔ THEN COMMENT ON 2 DIFFERENT POSTS FROM OTHER STUDENTS (GO TO "ALL BLOGS" TO SEE THEM)**

**ALL ACTIVITIES DUE BY WEDNESDAY, 10/12!!**