

# Charging into 4th grade at full STEAM ahead!

<b>S</b> Science	<b>T</b> Technology	<b>E</b> Engineering	<b>A</b> Arts (including Language Arts)	<b>M</b> Math
Research a science topic of your choice. Then choose a creative way to display what you learned about it.	Create a free account at <a href="http://www.typing.com">www.typing.com</a> or use your Type to Learn account from school. Record on the attached sheet which activities you did and for how long. Try to learn the home keys plus a few more!	Build 2 different boat designs using identical sized pieces of aluminum foil. Test them using pennies to see which one holds the most weight. Write a paragraph explaining which design worked best and why.	Make a reader's theater play/script about a special event from the summer. Write a poem about that event as well.	Math facts – try to master 100 multiplication and 100 division math facts within five minutes each. Use the attached sheets or print off your own 100 problem fact sheet.
Set up a taste test of your favorite food or drink and see which brand your family members or friends prefer. Record your results.	Type a letter/informative essay about yourself for your 4th grade teacher using one of the Microsoft office programs.	Build a car (example: using Legos), then send the car down 2 ramps (cover one ramp with carpeting or similar) to see which ramp makes the car go farther. Write a paragraph explaining what happened and why or video your results.	Log into Makenvia (Using student ID found on your report card and password POA). Read 3 e-books about any nonfiction topic and write a one paragraph summary about each.	Complete the 3rd grade standards on <a href="http://www.ixl.com">www.ixl.com</a> using your username and password that you used in class this year. When you are finished with the 3rd grade standards, move to the 4th grade standards.
Fill in the attached moon chart for any 4 weeks this summer. Fill in at least every 2 days. Then write a paragraph about what the chart shows.	Use the attached list of spelling words. Ask a friend to give you a pre-test. Pick 25 words that you do not know how to spell. Practice these words with the resources at <a href="http://www.spellingcity.com">www.spellingcity.com</a> and then test yourself until you master the words.	Using the materials of your choice, build a bridge that will support 5 pounds or more. Draw a picture of your bridge labeling the materials you used.	Research any topic you are interested in and find 2 articles about your topic. Write a 1 page essay showing the similarities and differences within the 2 articles.	Go to <a href="http://www.khanacademy.org">www.khanacademy.org</a> , create a free account and explore 4th grade math standards. In the space below, give your account information.

**\*\*Please choose at least one activity from each column to complete and have your parent initial and date when finished.**

**Attach any of the activities you completed to your log before turning it in!\*\***