

First Name: _____ Last Name: _____

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Due: Sept 8th, 2015





Science Extension Application

Quarter 1 Week: 2

The goal of weekly S.E.A is to engage students in a variety of scientific activities, develop thinking strategies, promote scientific reasoning, and get students to ask questions like a scientist.

Directions: Choose 3 squares of the tic-tac-toe to make a **horizontal**, or **vertical** line and follow the instructions to complete the tasks. Staple the results to the back of this paper. Then follow the instructions to complete the tasks. Staple your work to the back of this paper.

Any questions? Contact me at mark.russo@spps.org for support or anytime before school.

<p><u>History of Science</u></p> 	<p><u>BrainPop.com</u></p> <p>Go to BrainPop.com and sign in Username: Password:</p> <p>See Digital Etiquette and then take the printable quiz. Staple the quiz to this paper must have 80% or above. Want more credit? Do another BrainPop!</p>	
<p>Art in Science</p> <p>Make your own "Spot the Difference" puzzle. Draw out two pictures with 3 to 5 distinct differences and staple it to this paper</p>	<p>Complete the worksheet "Surrounded By Science" on the back of this paper. Use complete sentences to describe how science is present in each situation</p>	<p>Outside Science</p> <p>Estimate the number of steps around your apartment building, house, block, park, playground, soccer field, etc. Write a paragraph that describes the location and estimated number of steps. Then record your actual measurement. Try it 3 times and see if your results were consistent.</p>
	<p><u>Observation Skills</u></p> <p>Spot the Difference On the back of this paper, There are 13 in all... see if you can find at least 10.</p>	<p><u>Current Science</u></p> 

	Beyond expectations 4 and above	Meets Expectations 3	Almost there 2	Many problems 1	Does not meet expectations 0
Completion	Completed 3 in a row as well as additional squares	Completed 3 squares in a row (including the middle square)	Attempted 3 squares or completed 2 in a row	Attempted 3 squares Turned in Late	Did not attempt 3 squares
Thoroughness	Expanded activities to include more than what was asked	All 3 answers were clear, articulate and expressive	2 answers were explained well	1 Answer was explained well	No squares were explained well
Accuracy	4 or more squares were answered correctly	All 3 squares contains correct answers,	2 squares contained correct answers	1 square contained correct answers	No squares were correctly answered
Mechanics		Clear sentences, good word choice and punctuation	Several error with grammar, spelling, and punctuation	Consistent errors, sloppy or difficult to understand	No evidence of acceptable writing

SURROUNDED BY SCIENCE

It's everywhere! In today's world, scientific discoveries and inventions affect every corner of our lives.

Describe at least one way that science is present in each of these places.

1. in a backpack

2. a downhill ski race

3. a roller coaster

4. a soccer game

5. a rock concert

6. ice cream shop

7. a city street

8. a school cafeteria

9. your bedroom

10. a subway

