

**A.R. Johnson Health Science and Engineering Magnet School  
2019-2020 Incoming Sixth Grade Summer Work**

**M A T H**

**Directions**

1. Read carefully and follow the instructions for each question as printed.
2. Write neatly.
3. Use pencil ONLY.
4. When showing work on Math Scratch Sheet (pg. 4), be sure to number questions and write neatly.
5. Only use the Math Scratch Sheet (pg. 4) that's been provided. Do not add/provide any additional sheets.
6. Write name and date in the spaces provided at the bottom of each sheet.
7. Staple all papers together in order and submit them to Dr. Mills on the first day of school DURING YOUR MATH CLASS.

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**M A T H**

1. Kate is planning a birthday party at Skateland. It costs \$3.75 per child to attend the birthday party. How many friends can Kate invite to the party if she spends \$75.00?

**Answer:**

*Show your work on the Math Scratch Sheet (pg. 4).*

2. Kate's mom has just informed her that she only has \$45.00 to spend on the party. How many friends can she invite?

**Answer:**

*Show your work on the Math Scratch Sheet (pg. 4).*

3. You and your family are taking a family vacation to the aquarium. The prices are as follows: **children - \$18.75; adults 17 and older - \$25.00; senior citizens 65 and older - \$23.75**. How much would it cost for you, your parents and grandmother to go?

**Answer:**

*Show your work on the Math Scratch Sheet (pg. 4).*

4. The West family is going to the aquarium on vacation as well. They are taking 2 children, 1 parent, and 2 senior citizens. How much will they spend? Who spent more money at the aquarium, your family or the West family? Explain.

**Answer:**

*Show your work on the Math Scratch Sheet (pg. 4).*

5. You are at an outdoor festival with a friend and you decide to purchase the following food items: a hot dog, cheeseburger, fries, soda, and ice cream. How much did you spend? (*See menu below*)

**Answer:**

*Show your work on the Math Scratch Sheet (pg. 4).*

6. You have \$20.00 to spend. How many different food/drink combinations could you have? List some of the combinations. *Use the space on this page to show your work.*

<b>Food/Drink Item</b>	<b>Price</b>
Fries	\$2.75
Hot Dog	\$1.75
Hamburger	\$2.15
Cheeseburger	\$2.25
Soda	\$1.25
Ice Cream	\$1.50
Cookies (3)	\$1.00
Water	\$1.00

**Name:**

**Date:**

# MATH SCRATCH SHEET

Name:

Date:

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**L A N G U A G E   A R T S**

1. Go online to review the 8 parts of speech—**noun, verb, adjective, adverb, interjection, pronoun + antecedent, conjunction, preposition**. Make sure you have a good, working understanding of each.
2. Use **dictionary.com** to define the following words: **audacious, churlish, gingerly**. Write the definitions on the Language Arts Worksheet (pg. 7) in ink ONLY.
3. Write a sentence for each word, making sure to use all 8 parts of speech in each sentence. Underline the vocabulary word in each sentence. This should be done on the Language Arts Worksheet (pg. 7), in ink ONLY.
4. Then, write the 3 sentences on ½ of a white poster board. (*The other half will be used later in the school year.*)
5. The sentences should be written in color and the poster should have colorful illustrations of the action reflected in one or all of the sentences.
6. Drawing is not the only option for illustrations. Clip art, printouts and magazine clippings are acceptable.
7. Underline the vocabulary word in each sentence.
8. Label the parts of speech. Each part of speech should be labeled only once in each sentence.
9. Write your name and date in the spaces provided at the bottom of the Language Arts Worksheet (pg. 7). Tape the Language Arts Worksheet to the back of your poster.
10. Submit posters to Ms. Ussin on the first day of school DURING YOUR LANG. ARTS CLASS.

Name:

Date:

## LANGUAGE ARTS EXAMPLE

1. **evolve** – to develop gradually

**Sentence:** Kimberly thought she would always be a mediocre athlete, but over time, she

evolved into an elite gymnast who not only went to two state meets, but won them

both. Bam!

1. **Kimberly** thought she would **always** be a **mediocre athlete**, but over time, **she**  
(antecedent) (adverb) (adjective) (noun) (pronoun)

evolved into an elite gymnast who not only went **to** two state meets, **but** won them  
(verb) (preposition) (conjunction)

both. **Bam!**  
(interjection)



2. Sentence 2

3. Sentence 3

# LANGUAGE ARTS WORKSHEET

1. audacious -

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Sentence:

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2. churlish -

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Sentence:

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3. gingerly -

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Sentence:

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Name:

Date: